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Annalen, 1918.

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ANNALEN

der

SCHWEIZERISCHEN METEOROLOGISCHEN ZENTRAL-ANSTALT

1918.

„Der Schweizerischen meteorologischen Beobachtungen“

Fünfundfünfzigster Jahrgang.

AUG 24 1921

ZÜRICH.
Buchdruckerei zur Alten Universität.
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Einleitung.

Im Berichtsjahre hat sich die Zahl der meteorologischen Stationen um eine vermehrt, indem auf Braunwald, dem bekannten Glarner-Höhensanatorium (1190 m ü. M.), ein Beobachtungsposten eingerichtet wurde. Damit steigt die Zahl der meteorologischen Stationen auf 120; diejenige der Regenmess-Stationen ist sich gleich geblieben (293). Im eigentlichen Hochgebirge hat die Installation von zwei weitern Totalisatoren noch im Spätherbst stattgefunden; sie sind in der äussersten Ostmark unseres Landes, im Nationalparkrevier (Val Cluozza), aufgestellt.

Die Anstalt hat in diesem Jahr leider wieder einen verdienten, langjährigen Beobachter durch den Tod verloren: Prof. Clemens Hess in Frauenfeld, der fast vier Dezennien lang seine Station in musterhafter Weise verwaltet hat. — Das 50jährige Jubiläum ihrer Tätigkeit war im Berichtsjahr der meteorologischen Station Gersau beschieden; sie ist seit 1868 ohne Unterbruch von Mitgliedern der Familie Müller-Sterchi verwaltet worden. Auf eine 40jährige Tätigkeit darf mit Ende des Jahres die meteorologische Station Luzern zurückblicken, vortrefflich besorgt durch Mitglieder der Familie Prof. Arnet; ferner die meteorologische Station Elm, 40 Jahre lang ununterbrochen treu verwaltet durch die Familie Weiss.

Ueber die Niederschlagsbilanz, sowie einzelne bemerkenswerte Niederschläge im Jahre 1918 gibt die Beilage im Anhang Nr. 2 Auskunft; darin finden sich auch die Ergebnisse pro 1917/18 der in unserm Hochgebirge plazierten Niederschlagssammler, sowie deren Standorte im einzelnen angeführt. Von sämtlichen bis jetzt in Gemeinschaft mit der „Abteilung für Wasserwirtschaft in Bern" installierten Niederschlagssammlern konnten bis Spätherbst 1918 die Niederschlagsmengen gewonnen und nützlich verwertet werden.

Es darf an dieser Stelle noch daran erinnert werden, dass nun 40 Jahre verflossen sind, seitdem im Nordostteil unseres Landes ein erstes dichteres Netz von Regenmess-Stationen ins Leben getreten ist, zuerst im Kanton Zürich, dann in den Kantonen Thurgau und St. Gallen. Die enormen Regenfluten der Sommer 1876 und 1878 gaben den eigentlichen Anstoss dazu. Auf den damals erlassenen Aufruf stellten sich sofort etwa 40 tüchtige Beobachter zur Verfügung, deren Zahl beidseits der Alpenscheide heute auf nahe 300 angewachsen ist. Die gesammelten Beobachtungsergebnisse tragen ihre reichen Früchte, insbesondere in volkswirtschaftlichem Sinne. Doch muss im Laufe der nächsten Jahrzehnte noch weiteres Material gesammelt werden, und wir hoffen dabei sehr, dass unsere fleissigen, unermüdlichen Mitarbeiter auch fernerhin beim Werke verharren werden; das allein ermöglicht uns ein gründliches Studium der so verwickelten Niederschlagsverhältnisse unseres Landes.

Ueber die Tätigkeit des Erdbebendienstes gibt Anhang Nr. 5 der Annalen nähere Auskunft. Diesem Bericht ist eine umfangreiche Arbeit von Herrn Dr. Hans Morf angefügt, betitelt: „Einfluss der meteorologischen Zustände der Troposphäre auf die Ausbildung der anormalen Schallzone"; hiebei fand das bezügliche, vom schweizerischen Erdbebendienst im Berichtsjahr gesammelte Material beste Verwendung.

Den Schluss bildet als Anhang Nr. 7 eine Abhandlung von Dr. R. Billwiller: „Der Wasseraustausch zwischen der Luft einerseits und Schnee und Eis andererseits im Gebirge".

Zürich, im Dezember 1919.

Die Direktion der Schweizerischen Meteorologischen Zentralanstalt:

Dr. J. Maurer.

EIDGENÖSS. METEOROLOGISCHE KOMMISSION
1918.

Präsident:	Herr Prof.	R. Gautier in Genf.
Vizepräsident:	„ „	A. Forster in Bern.
Mitglieder:	„ „	A. Wolfer in Zürich.
	„ Dr.	G. Ferri in Lugano.
	„ Prof.	A. Riggenbach in Basel.
	„ „	P. L. Mercanton in Lausanne.
	„ „	J. Früh in Zürich.
	„ „	A. Heim in Zürich.

Verzeichnis der im Jahre 1918 erschienenen oder auf das Jahr 1918 bezüglichen Schweizerischen meteorologischen Literatur.

Annalen der Schweizer. Meteorologischen Zentralanstalt. 55. Jahrg. 1918.

Täglicher Wetterbericht der Schweizerischen Meteorologischen Zentralanstalt. 38. Jahrgang 1918.

Ergebnisse der täglichen Niederschlagsmessungen auf den meteorologischen und Regenmess-Stationen in der Schweiz. Jahrgang 1918.

IV. u. V. Bericht der Gletscherkommission der Phys. Gesellschaft Zürich pro 1916/17 u. 1917/18 von R. Billwiller in „Ski", Jahrbuch des Schweiz. Ski-Verbandes 1918.

Monatliche Uebersichten der Witterung, Januar—November 1918, publiziert von der Schweizer. Meteorologischen Zentralanstalt in: „Schweizerische Blätter für Gesundheitspflege". Jahrgang 1918.

Quelques anomalies climatologiques de l'hiver et du printemps 1918 par R. Gautier: „Archives des sciences physiques et naturelles 1918", vol. 46 (Suppl. Soc. de Phys. Genève, pag. 46).

Sur les moyennes de 10 à 20 ans pour les éléments météorologiques, observés aux fortifications de St-Maurice 1908–1917 et 1898–1907, Archives, vol. 46, pag. 151, par R. Gautier et E. Rod.

Nouvelles moyennes pour les principaux éléments météorologiques de Genève de 1826 à 1915 ou 1917, Archives, vol. 46, pag. 210.

Résumé météorologique de l'année 1918 pour Genève et le Grand St-Bernard, par R. Gautier, Archives, vol. 1 (1919 novembre).

Les variations périodiques des Glaciers des Alpes Suisses. 39e rapport (1918) par P. Mercanton, extrait de l'annuaire du S. A. C., 53e année.

La variation annuelle moyenne de la température de l'air à Lausanne 1887–1916. Bull. de la Soc. sc. nat. vol. 52, pag. 194, par P. Mercanton.

Les tirs grêlifuges du vignoble de Lavaux (canton de Vaud) ont-ils été efficaces? par P. Mercanton, Archives sc. et nat. vol. 45, pag. 138.

Schneefälle und Schneedecke an der St. Bernhardstrasse (Tal v. Entremonts) im Wallis von 1904–1913, von P. Mercanton, Meteorolog. Zeitschrift, Heft 11/12, 1918.

Une périodicité remarquable des hautes pressions atmosphériques dans les Alpes en hiver par J. Maurer, Archives, vol. 45, pag. 349.

Die säkulare Schwankung der Gewitterhäufigkeit in Zürich von J. Maurer, Meteorol. Zeitschrift 1918, pag. 289.

Beiträge zur Kenntnis der klimat. Verhältnisse von Winterthur und Umgebung, von Fr. Krebs (Mitteilung der Naturw. Gesellschaft v. Winterthur 1917/18). Enthält die 32jährigen Mittelwerte der Temperatur (1886–1917) von Winterthur.

Tägliche Beobachtungen

der Stationen:

Bern, Neuchâtel, Altdorf, Genf, Zürich, Rigi-Kulm, Bevers, Sitten, Lugano, Basel, Säntis und St. Gotthard

im Jahre 1918.

Für die Bezeichnung der Hydrometeore und anderer Phänomene werden nach dem Vorschlag des internationalen Meteorologen-Kongresses (Wien 1873) folgende Symbole angewandt:

● = Regen.	⌓ = Tau.	⚡ = Gewitter.	⦶ = Sonnenhof.
✳ = Schnee.	⊔ = Reif.	⚡ = Blitz, Wetterleuchten.	⊕ = Sonnenring.
△ = Graupeln, Riesel.	V = Duft.	⌂ = Nordlicht.	⌣ = Mondhof.
▲ = Hagel.	∽ = Glatteis.	⚡ = starker Wind, ⚡ = Sturm.	⌔ = Mondring.
← = Eisnadeln.	≡ = Nebel.	⇸ = Schneegestöber.	⌒ = Regenbogen.

Das Zeichen ⊠ bedeutet, dass mehr als die Hälfte der Bodenfläche in der Umgebung der Station an dem betreffenden Tag mit Schnee bedeckt war.

Die Intensität der einzelnen Erscheinungen wird durch eine dem Symbol als Exponent beigefügte ° als schwach, durch ² als stark bezeichnet.

Vom Jahrgang 1918 an wird die 24-Stundenzählung durchgeführt; wenn aber die Zeit nicht näher angegeben werden kann, bedeutet wie bis anhin: a: Vormittags (ante meridiem), p: Nachmittags (post m.), n: Nachts.

Die römischen Ziffern geben an, dass das betreffende Phänomen um die Zeit des ersten, resp. zweiten, resp. dritten Beobachtungstermins stattgefunden hat, die arabischen bedeuten die bürgerlichen Zeitstunden, das Zeichen * interpolierte Daten.

λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^{m} bezogen.

NB. Alle Zeitangaben mit Ausnahme derjenigen in Anhang Nr. 4 beziehen sich auf **mitteleuropäische Zeit.**

Errata im Jahrgang 1918.

Pag. 77. St. Gotthard. Dez. Totale Schneehöhe: **6.** 25^{cm}; **13.** 87; **20.** 141; **27.** 174.
Anhang. Pag. 36. Tägl. Gang der Temperatur. Mai 2^{30} u. 3^{30} **–1.12**, 13^{30} **1.54**.
„ „ 40. Stündl. Barometerstände. Juli **1.** 6^{30} u. 7^{30} 62.4; **28.** 3^{30} u. 6^{30} **60.4**.
„ „ 43. Minima der Barometerstände. Juli **1.** 62.4, **28.** **60.4**; absolutes Min. 60.4, Diff. 10.8.
„ „ 43. Tägl. Gang des Luftdrucks. April. 21^{30} **.44**.

Säntis-Temperaturen. Von Januar bis und mit März zeigen die in den „Täglichen Beobachtungen" pag. 6, 12 u. 18 publizierten Temperaturen häufig kleinere Abweichungen gegenüber den entsprechenden Werten der im Anhang veröffentlichten „Stündlichen Lufttemperaturen". Dies rührt daher, dass für letztere schon vom Januar 1918 an nur noch die beiden freieren Thermometeraufstellungen der Korridorfenster (NW und NE) berücksichtigt wurden, während dies bei den „Täglichen Beobachtungen" irrtümlicherweise erst vom April 1918 an geschah.

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$H_b = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

Januar 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-8.9	-5.9	-6.6	-7.1	-5.1	708.6	709.3	712.3	96	97	96	E 0	S 0	W 0	10	10	10	.	⌣ n-p ✱
2	-6.6	-5.3	-7.6	-6.5	-4.5	715.2	714.9	715.0	94	93	97	S 0	NW 0	SE 0	10	10	10≡	.	⌣ ≡ III-n ✱
3	-6.5	-1.5	-7.2	-5.1	-3.1	713.2	713.9	716.7	96	79	78	NE 0	NE 1	NE 1	10≡	10	1	0.1	⌣ ⌣ ≡ I, ✳° 7½-9 ✱
4	-15.0	-7.9	-13.6	-12.2	-10.2	718.6	719.8	720.2	90	65	98	SE 0	E 0	E 0	0	1	1	.	⌣ ⌣ I ✱
5	**-16.8**	-7.6	-13.0	-12.5	-10.5	720.1	719.9	718.3	94	72	93	SW 0	NE 0	S 0	1	2≡	2	.	⌣ I, ≡ II ✱
6	-15.7	-7.2	-6.6	-9.8	-7.8	714.8	711.8	707.7	95	98	97	SE 0	S 0	S 0	5≡	3	4	.	≡ I, ⌣ n-p ✱
7	-2.5	3.2	2.6	1.1	3.1	702.2	699.3	695.6	81	87	96	SE 0	S 0	SW 0	9	10●	7	6.3	● 9½-14, n ✱
8	0.6	-0.4	-4.6	-1.5	0.6	**693.7**	697.8	704.2	98	75	89	SW 0	W 2	W 0	10*	8	10*	6.7	≡ a, 16-n, ⸙ II ✱
9	-8.4	-6.9	-7.3	-7.5	-5.4	711.4	715.1	717.3	60	64	72	W 0	SW 1	SW 1	10	8	10	3.3	✱
10	-4.0	0.0	1.2	-0.9	1.2	715.8	718.0	719.3	98	81	68	W 1	W 2	SW 1	10*	10*	9	0.8	✳ n-II, ⸙ II, p ⸸ ✱
11	0.5	2.7	-4.1	-0.3	1.8	716.8	715.8	714.5	68	56	82	W 1	SW 1	S 0	9	8	1	.	a ⸸° ✱
12	-11.4	-3.4	-1.5	-5.4	-3.4	710.9	708.0	705.8	100	69	72	S 0	S 0	NW 0	1	3≡	10	3.0	⌣ I, ≡ II, n ● ✱
13	0.2	3.7	-0.5	1.1	3.1	704.6	703.7	710.7	98	93	92	S 0	S 0	N 0	10	10	4	9.5	● 9½-17 ✱
14	-6.8	-0.7	-5.2	-4.2	-2.2	713.5	714.3	715.3	98	78	97	W 0	SE 0	S 0	2≡	1	2	.	⌣ ≡ I [● 15½-20½ ✱
15	-6.0	1.6	2.9	-0.5	1.5	712.4	712.7	713.5	94	83	95	S 0	SE 0	W 0	8	10	9	3.4	⌣ I, ● ✳ 10½-11½, ✱
16	6.7	8.7	6.9	7.4	9.4	710.5	710.9	715.5	91	81	96	W 1	W 2	NW 0	10●	10	10●	**11.0**	● n-12, 14-n, ⸙ II ✱
17	2.2	6.5	4.0	4.2	6.1	716.2	715.7	715.0	95	86	93	S 0	S 0	S 0	8≡	8	5	1.0	≡² I, ● 16½-17½, ⚲ III
18	0.8	6.2	4.7	3.9	5.8	712.7	712.0	712.5	96	84	92	S 0	N 0	S 0	6	8	9	.	
19	0.9	6.9	1.3	3.0	4.9	712.0	711.3	710.6	97	70	96	S 0	S 0	S 0	3	2	6	.	⌣ I
20	0.1	8.3	3.6	4.0	5.8	709.4	708.2	708.3	96	54	85	SW 0	S 0	S 0	7	3	8	.	⌣ I
21	3.2	**10.7**	1.9	5.3	7.1	706.9	706.7	706.8	88	**44**	96	SW 0	E 0	SE 0	8	6	2	.	
22	1.7	7.3	3.4	4.1	5.9	707.3	706.7	707.6	93	59	90	SE 0	W 0	SW 1	9	10	9	.	
23	5.4	9.1	4.9	6.5	8.2	713.6	716.4	720.8	85	78	99	SW 0	SW 0	W 0	10	10	8	0.8	●° I-8½, 14-15½
24	3.3	8.3	1.3	4.3	6.0	724.0	723.8	725.3	96	76	97	SE 0	NE 0	S 0	8	1	1	.	
25	-1.6	6.7	-0.4	1.6	3.2	**726.6**	725.8	726.1	97	69	96	SE 0	S 0	N 0	3≡	2	1	.	⌣ ≡ I
26	-3.1	6.1	-0.7	0.8	2.3	725.3	724.3	724.6	97	69	96	SE 0	SE 0	N 0	3	1	0	.	⌣ ≡ I
27	-4.4	5.5	-1.0	0.0	1.5	724.7	723.8	723.5	96	71	96	N 0	N 0	N 0	1≡	1	1	.	⌣ ⌣ ≡ I
28	-5.1	3.4	-3.3	-1.7	-0.3	723.5	722.7	723.0	96	79	97	N 0	N 0	NE 0	2≡	1	3≡	.	⌣ ⌣ ≡ I, III-n
29	-5.7	0.5	-3.2	-2.8	-1.4	723.0	722.4	722.7	95	94	95	SE 0	NE 0	W 0	3≡	1	10	.	⌣ ⌣ ≡ I
30	-5.0	-1.8	-3.1	-3.3	-2.0	722.3	721.7	722.0	95	95	95	W 0	NE 0	N 0	10≡	6≡	10≡	.	⌣ ≡² I, ≡, ⌣ III-n
31	-4.0	-2.8	-3.6	-3.5	-2.3	722.1	722.1	723.2	95	95	95	N 0	SW 0	E 0	10≡	10≡	10≡	.	⌣ ≡²
																		Summe	
Mittel	-3.6	1.7	-1.7	-1.2	—	714.6	714.5	715.3	92	77	91				6.6	5.9	5.9	45.9	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$H_b = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

Januar 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-5.9	-4.7	-5.0	-5.2	-5.4	716.5	717.3	720.6	100	84	85	NE 1	NE 1	NE 1	10	10	10	.	✱
2	-4.8	-3.0	-5.4	-4.4	-4.5	723.1	722.8	723.2	90	84	95	N 1	NE 1	N 1	10	10	10	.	✱
3	-5.3	-1.0	-6.2	-4.2	-4.3	721.2	721.9	724.5	97	66	75	NE 1	NE 1	NE 2	10	10	0	.	✱
4	-8.8	-4.8	-9.2	-7.6	-7.7	726.8	727.9	728.2	**46**	50	**46**	NE 2	NE 2	NE 1	0	0	0	.	✱
5	**-13.5**	-8.1	-9.4	-10.3	-10.4	728.7	728.2	726.4	96	100	93	NE 1	NE 1	N 1	3	8	5	.	⋁ n-II, ≡ 9-13, ≡° III ✱
6	-8.6	-4.2	5.6	-2.4	-2.4	722.7	719.7	715.1	100	82	66	NE 1	N 1	SW 2	7	3	10	.	≡° n-I ✱
7	4.8	4.9	5.6	5.1	5.1	710.1	707.4	704.1	77	90	88	W 2	W 3	W 3	10	10●	10●	**29.2**	● 9-III, ●²-n, p ⸙ ✱
8	2.5	0.6	-3.6	-0.2	-0.2	**701.3**	705.2	712.3	87	62	66	NW 2	NW 3	NW 1	10	5	10	0.6	●° n-8, ✳°, ⸙ II, n ✳°
9	-7.8	-6.5	-6.6	-7.0	-7.0	719.5	723.0	725.9	63	61	55	SE 1	W 1	NW 1	10	9	9	0.5	✳° a, n ✱
10	-4.4	-2.2	0.2	-2.1	-2.1	724.6	726.3	727.5	100	98	89	W 3	W 3	W 2	10*	10*	8	4.4	✳ ⸸ ⸙ n-p, n ✳° ✱
11	0.1	1.8	-2.4	-0.2	-0.2	725.0	724.1	722.2	80	77	75	W 2	W 2	NW 1	9	9	0	.	✱
12	-4.6	0.2	2.0	-0.8	-0.8	718.6	716.0	713.8	90	68	66	NW 1	W 1	W 2	10	4	10	3.9	✱
13	2.9	3.6	0.6	2.4	2.4	712.2	711.5	718.4	97	95	72	W 2	W 1	NW 1	10●	10●	3	4.2	● n-17 ✱
14	-5.4	0.8	-3.4	-2.7	-2.7	721.5	722.3	723.3	81	69	83	N 1	NE 1	N 1	3	0	0	.	✱
15	-0.4	5.0	5.1	3.2	3.2	719.9	720.8	721.5	78	87	95	NW 1	W 3	W 2	8	10●	10●	9.4	● 9½-n, ⸙ II ✱
16	7.2	7.9	6.3	7.1	7.1	718.3	718.9	723.9	87	87	84	W 2	SW 3	W 2	10●	10●	10●	8.5	●, ⸙ II, n ●°
17	7.3	**10.0**	4.8	7.4	7.4	723.5	723.2	722.5	82	71	94	W 1	SW 2	N 1	9	7	5	1.5	● 16½-III
18	2.2	8.8	8.3	6.4	6.3	720.1	719.6	719.9	94	78	78	N 1	SW 2	W 2	7	7	10	0.8	●° 8½-11, 15-III
19	5.3	9.2	3.4	6.0	5.9	719.3	719.1	718.2	86	74	91	NW 1	NE 1	N 0	6	4	10	.	≡° I
20	0.8	8.9	5.1	4.9	4.8	717.3	715.7	716.0	94	65	80	N 1	E 1	NW 1	7	3	10	.	≡° I
21	2.8	7.4	2.6	4.3	4.2	714.5	714.5	714.5	91	78	82	NW 1	E 1	NE 1	10	10	3	.	
22	2.2	5.2	3.6	3.7	3.5	714.7	714.3	715.3	89	79	90	NW 1	NW 1	NW 0	9	10	10	2.3	
23	3.6	7.2	6.2	5.7	5.5	721.6	724.3	728.6	98	91	95	W 1	W 1	NW 1	10●	10●	10	1.4	● n-17½
24	4.2	5.2	1.0	3.5	3.3	731.9	732.0	732.1	97	97	100	NE 1	NE 1	S 1	10	10≡	10≡	0.2	≡² 13-n
25	-0.4	0.9	-0.2	0.1	-0.2	**734.5**	734.1	734.3	100	100	100	N 1	SE 1	NE 0	10≡	10≡	10≡	.	≡²
26	-0.7	0.5	-0.4	-0.2	-0.5	733.4	732.6	732.8	100	100	100	SE 0	SW 1	SE 0	10≡	10≡	10≡	.	≡²
27	-1.7	-0.4	-1.2	-1.1	-1.5	732.6	732.2	731.7	100	100	100	NW 1	NW 1	NW 0	10≡	10≡	10≡	.	≡²
28	-1.9	-0.9	-1.6	-1.5	-1.9	731.7	731.1	731.3	100	100	100	N 1	NW 1	N 1	10≡	10≡	10≡	.	≡²
29	-2.2	-1.4	-1.7	-1.8	-2.3	731.0	730.7	730.8	100	100	100	NW 1	NW 1	N 0	10≡	10≡	10≡	.	a ≡, ⋁, ≡² 13½-n
30	-2.7	-1.8	-2.3	-2.3	-2.8	730.5	729.8	730.1	100	100	100	SE 1	E 1	N 1	10≡	10≡	10≡	.	⋁ ≡²
31	-3.6	-2.3	-3.0	-3.0	-3.6	730.2	730.3	731.4	100	100	100	NE 1	NE 1	S 1	10≡	10≡	10≡	.	⋁ ≡, ≡² II
																		Summe	
Mitte	-1.2	1.5	0.0	0.1	—	722.5	722.5	723.2	90	84	85				8.6	8.0	7.8	66.9	

Januar 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-5.4	-2.1	-3.6	-3.7	-3.8	718.8	719.4	722.3	99	80	90	NW 0	N 0	N 0	3	0	10≡	.	≡ III
2	-5.0	-2.1	-3.3	-3.5	-3.5	725.6	725.4	725.6	88	79	85	S 0	NE 0	N 0	10	4	10	.	
3	-3.4	-0.1	-5.3	-2.9	-2.9	723.7	724.8	727.8	99	70	87	E 0	N 1	N 0	10*	10	0	0.3	a ✢° ✳°
4	**-11.9**	-5.3	-9.8	-9.0	-9.0	730.1	731.4	731.5	78	66	63	S 0	SE 0	E 0	0	0	0	.	
5	-11.8	-4.0	-7.5	-7.8	-7.8	730.6	730.9	728.7	74	75	90	E 0	SE 0	S 0	0	0	10	.	
6	-10.6	-3.5	-6.4	-6.8	-6.8	725.3	722.1	718.3	100	78	97	E 0	NE 0	NE 0	10≡	1	0	.	≡ I, n ⸙
7	7.5	9.5	8.1	8.4	8.4	711.1	708.7	706.1	34	32	34	SW 3-4	SW 3-4	SE 3-4	10	10	10	.	⸙
8	8.8	-0.2	-3.3	1.8	1.8	**701.0**	707.8	713.8	31	92	67	S 2	NE 2	N 0-1	10	10*	10*	**16.8**	⸙ n-II, ● 8, ✢ ≡ 9-n
9	-6.2	-5.3	-7.8	-6.4	-6.4	720.4	725.7	728.0	84	35	64	N 1-2	N 0	N 0	10*	3	10	12.1	≡ ✢ I, n ✳
10	-6.1	-3.0	-5.1	-4.7	-4.7	725.9	727.8	729.0	98	100	99	NW 0	E 0	E 0	10*	10*	0	11.9	✳ n-17
11	-8.1	-0.2	-6.5	-4.9	-4.9	727.3	726.5	725.1	93	62	75	NE 0	E 0	SE 0	0	1	0	.	
12	-8.5	-2.4	-4.3	-5.1	-5.1	720.9	718.5	715.9	90	66	93	E 0	N 0	NE 0	0	0	8	1.5	
13	4.3	4.4	1.6	3.4	3.4	714.4	713.2	719.2	72	80	90	NE 0-1	NW 0	NW 0	10●	10	10●	11.2	● n-I, III-n
14	1.9	1.1	-3.0	0.0	-0.1	724.0	725.6	725.7	90	64	97	S 0	E 0	NE 0	7	0	0	.	
15	-1.8	6.5	3.6	2.8	2.7	722.4	722.4	723.6	95	46	97	NW 0	S 0-1	NW 0	10	10●	10●	1.4	p ●
16	4.9	8.0	4.5	5.8	5.7	719.8	721.0	724.1	85	75	95	NW 0	NE 0	NW 0	10	10●	10●	7.4	p ●
17	2.1	6.4	6.1	4.9	4.8	726.3	725.9	725.2	99	92	84	S 0	N 0	S 0	3	8	8	1.3	● 19-20
18	2.4	12.4	4.5	6.4	6.3	722.8	721.2	722.3	100	31	88	N 0	SE 3-4	SE 0-1	10	9	3	.	⸙ 12-p
19	9.7	13.8	12.2	11.9	11.7	721.7	721.6	722.3	39	31	30	S 2	S 2-3	SE 3-4	8	6	1	.	⸙
20	12.5	**14.2**	12.7	13.1	12.9	720.9	718.9	719.3	31	29	30	S 3-4	SW 3-4	S 4-5	2	2	0	.	⸙, ⸙ III
21	12.5	12.2	11.4	12.0	11.8	719.1	719.2	718.7	30	29	**27**	SE 3-4	SE 4-5	S 3-4	3	3	0	.	⸙, ⸙ II
22	12.6	**14.2**	13.8	13.5	13.2	718.1	718.8	718.8	30	29	30	S 3-4	SE 4	S 3-4	7	8	10	.	⸙, ⸙ II
23	12.6	12.0	7.3	10.6	10.3	723.1	726.7	731.4	29	45	78	E 0-1	N 1	NW 0	10	6	8	.	
24	4.4	10.4	2.7	5.8	5.4	734.3	735.3	735.3	79	50	74	E 0	N 0	S 0	10	0	0	.	
25	0.2	6.2	0.6	2.3	1.9	736.8	**736.9**	736.5	90	70	98	E 0	N 0	NW 0	10	0	0	.	
26	-1.4	2.4	-1.4	-0.1	-0.6	735.6	736.1	734.8	100	92	100	W 0	NW 0	W 0	10≡	10	10	.	≡² I, ≡°-II, ≡² 19-20½
27	-3.0	1.8	-1.9	-1.0	-1.5	734.8	734.3	734.2	97	94	98	W 0	W 0	NW 0	10≡	5	0	.	≡² I, ≡°-II
28	-2.8	1.4	-3.0	-1.5	-2.1	734.0	734.1	733.2	98	96	99	SW 0	N 0	N 0	8	10	10≡	.	p ≡°, ≡² III-n
29	-3.7	0.3	-3.1	-2.2	-2.8	733.5	732.8	733.0	100	95	100	W 0	NW 0	NW 0	10≡	10≡	10≡	.	⋁² I, ≡²
30	-3.2	0.0	-2.2	-1.8	-2.5	732.9	732.5	732.5	100	90	100	NE 0	W 0	NW 0	10≡	10≡	10≡	.	≡² ⋁ I, ≡, ≡² III-n
31	-2.5	-0.3	-1.8	-1.5	-2.2	732.7	733.2	733.8	100	94	100	S 0	SE 0	SE 0	10≡	10≡	10≡	.	≡², ≡II
Mittel	0.0	3.5	0.3	1.3	—	724.8	725.1	725.7	78	67	79				7.5	5.7	5.7	Summe 63.9	

Januar 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02$ m/m.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-4.0	-2.6	-2.6	-3.4	-3.2	723.3	724.3	727.7	98	85	85	N 1	NNE 1	NE 1	10≡	10	10	.	a ≡², ⋁
2	-3.6	-2.6	-3.4	-3.1	-2.9	730.7	730.2	730.4	91	92	93	NE 0	E 1	NE 0	10	10	10	.	≡°
3	-3.3	0.0	-2.7	-2.3	-2.0	728.4	728.1	730.6	96	82	85	NE 1	NE 1	NNE 3	10	9	1	.	⸙ III
4	-7.6	-4.4	-10.0	-6.8	-6.5	733.9	735.4	735.8	64	61	87	NNE 1	NNE 1	E 1	0	0	0	.	
5	**-13.2**	-2.2	-10.5	-9.1	-8.8	736.4	735.9	734.2	92	73	93	SE 0	SSW 0	SE 0	1	0	0	.	
6	-12.4	2.7	4.5	-3.6	-3.3	730.6	727.5	723.2	89	55	58	SSE 0	SSW 1	SW 1	0	0	1	.	
7	5.2	5.5	6.7	5.5	5.8	718.2	715.8	712.9	75	84	80	SSW 1	W 1	W 1	10	10●	10●	**14.5**	● 9-16, 18-22, n
8	3.8	2.0	-2.7	2.0	2.3	**709.7**	715.1	720.7	87	51	87	SSW 1	SSW 1	W 1	10●	3	10	0.2	●° I, ✳° 11-18, n
9	-6.0	-4.8	-6.6	-5.5	-5.2	728.2	731.7	735.4	63	67	79	NNW 1	W 1	W 1	3	9	8	6.0	
10	-5.2	0.0	-0.2	-2.7	-2.4	734.5	735.9	736.5	95	93	70	W 0	SE 1	NW 1	10*	9	10	2.1	✳ n-13
11	-0.4	3.4	-5.5	-0.6	-0.3	733.7	732.4	730.3	89	54	87	E 0	W 1	SW 0	9	9	0	.	
12	-12.0	-2.2	4.8	-4.5	-4.2	726.8	724.1	722.4	97	75	**47**	SSW 1	SSW 1	SW 1	0	0	10	4.5	● 22, n
13	3.8	5.6	3.4	3.9	4.2	720.4	719.7	725.5	91	81	76	SSW 1	SW 1	NE 1	10●	10	0	2.1	● 7-18
14	-1.5	1.2	-2.7	-0.6	-0.3	728.9	729.6	730.9	50	62	94	NW 1	NNW 1	NW 1	0	0	0	.	
15	-1.4	5.8	5.7	1.8	2.1	728.6	729.8	730.1	80	78	82	NNE 1	NNW 1	NNE 1	3	10●	10	11.1	● 8½-18, ∽² 9-15
16	8.0	9.2	8.8	8.6	8.9	728.1	728.1	731.9	72	73	76	SW 1	SW 1	SW 1	9	10●	10	5.5	⸙, ● 7-14
17	5.4	11.4	6.0	8.2	8.4	732.1	731.4	730.0	91	61	75	NE 1	NNE 1	NW 1	0	1	0	.	
18	6.4	10.3	8.8	8.2	8.4	727.8	727.7	727.7	74	64	73	SW 1	SSW 1	SW 1	9	9	10●	0.1	⸙ I, ●° 16, III
19	5.2	**13.4**	5.2	8.6	8.8	726.7	725.9	725.7	81	53	77	S 0	SW 1	SSW 1	0	5	9	.	
20	2.4	7.9	9.7	7.6	7.7	724.4	722.6	723.4	87	61	56	SE 1	NNE 1	NNW 1	2	7	9	.	a ⊔°, ⸙ III
21	5.3	10.6	3.9	7.7	7.8	721.8	721.5	721.5	78	57	83	NNE 1	NW 0	SSW 1	9	8	0	.	⋓ III
22	3.4	6.4	5.0	4.6	4.7	721.7	721.5	722.7	85	71	78	SSW 1	SW 1	SW 0	9	9	9	0.6	n (²²/₂₃) ●°
23	7.0	9.0	7.2	7.5	7.5	728.3	732.3	736.5	90	86	88	SE 0	SSW 1	SW 0	9	9	2	4.6	● 9-13
24	2.6	8.0	2.7	4.8	4.8	739.0	739.2	740.6	96	75	93	SSW 0	NNW 1	NW 0	10≡	1	0	.	a ≡², ⊔ III
25	0.0	1.2	0.2	0.4	0.3	**742.3**	741.7	741.8	100	100	100	NNW 0	NNW 1	N 1	10≡	10≡	10≡	.	≡
26	-2.0	-0.8	-1.1	-1.1	-1.2	741.2	740.6	740.6	100	100	100	N 1	NNW 0	NNW 0	10≡	10≡	10≡	.	≡ ⋁
27	-2.6	-1.4	-1.0	-1.7	-1.9	740.3	740.0	739.6	98	99	99	N 1	SSW 1	SW 1	10≡	10≡	10≡	.	≡ ⋁
28	-3.0	-1.4	-1.7	-1.8	-2.0	739.5	739.1	738.8	99	99	98	SSE 1	SSE 1	SE 0	10≡	10≡	10≡	.	≡ ⋁
29	-2.8	-2.2	-1.2	-1.9	-2.2	738.7	738.4	738.2	100	99	99	S 1	S 0	E 0	10≡	10≡	10≡	.	≡ ⋁
30	-2.0	-0.9	-0.6	-1.3	-1.6	737.9	737.2	737.6	98	99	96	SE 1	SE 0	E 0	10≡	10	10≡	.	≡ a, III, \
31	-1.1	-0.6	-0.5	-0.8	-1.2	737.6	737.6	738.7	94	92	96	SE 0	NE 0	NNE 1	10≡	10	10≡	.	≡ a, III, \
Mittel	-0.8	2.8	1.0	0.9	—	730.3	730.3	731.0	87	77	84				6.9	7.0	6.4	Summe 51.3	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$Hb = 493.2^m$, $G = 0.08\,^m/_m$.

Zürich.

Januar 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-6.8	-1.8	-5.2	-4.6	-3.3	716.4	717.0	719.3	91	88	85	SW 1	W 1	SW 0	8	2	10	.	
2	-5.4	-4.0	-5.4	-4.9	-3.5	722.3	722.7	722.4	89	85	91	SW 1	W 0	NW 1	10	10	10	0.7	
3	-4.8	-0.9	-9.3	-5.0	-3.6	721.0	722.3	725.9	94	74	65	N 0	NW 0	NE 1	10	9	0	0.1	✳° n-12, 15½-17
4	-14.8	-6.4	-13.2	-11.5	-10.1	726.9	728.2	728.1	88	50	91	N 0	NE 0	SW 0	0	1	0	.	n (4/5) ≡
5	**-15.3**	-5.3	-10.4	-10.3	-8.9	728.0	727.7	725.7	91	58	90	SE 0	SE 0	NE 0	2	1	8	.	a ⋁
6	-11.6	-4.0	1.3	-4.8	-3.4	722.2	718.5	714.8	100	99	65	E 0	SW 1	SW 1	10	4	0	0.1	≡° l, a ⧵ [● III-n
7	2.0	5.5	4.0	3.8	5.2	709.5	706.4	703.1	69	77	89	E 1	S 1	SE 1	10	10●	7●	6.0	⸙ n-12, ●° 7, 12-15,
8	0.5	-1.3	-4.9	-1.9	-0.4	**699.8**	705.1	711.2	100	90	75	NW 0	NW 0	SW 1	10*	10*	7	**17.8**	⸙ 0-3½, ✳ 7-n
9	-7.9	-4.8	-7.0	-6.6	-5.1	717.1	721.9	724.2	72	56	61	W 1	W 1	SW 1	10	1	10	3.0	✳° 12, ⸙ ⸸ 16-n
10	-4.8	-0.6	1.9	-1.2	0.3	722.1	724.1	725.3	82	75	63	SW 3	SW 2	SW 2	10*	10*	9	3.0	⸙ ✳ ⸸ n-17, n ⸙
11	1.8	4.3	-0.2	2.0	3.5	723.0	722.1	721.4	55	**43**	55	SW 3	W 2	SW 1	9	8	0	.	⸙
12	-6.3	0.8	1.8	-1.2	0.3	717.7	715.5	712.9	86	58	**43**	SW 1	SW 1	SW 1	0	1	10	2.6	n (12, 13) ●
13	2.8	4.9	0.4	2.7	4.2	710.9	710.7	717.5	85	79	87	SW 1	SW 2	W 1	10	10●	8	11.2	⸙, ● 10½-19½
14	-5.4	3.3	-3.9	-2.0	-0.5	721.0	721.8	722.6	88	55	82	NE 1	SW 0	NW 0	0	0	0	.	∽
15	-4.6	5.0	6.4	2.3	3.8	718.9	719.0	719.1	89	73	79	SW 1	SW 2	SW 1	10	10	10	6.9	⸙ 10-p, ● 11½-n, ∽
16	9.2	8.0	5.4	7.5	8.9	716.7	716.9	722.5	74	82	81	SW 2	SW 2	SW 2	10	10	10●	9.4	n a ⸙, ●° n-16½, ∽, *)
17	2.0	6.6	5.0	4.5	5.9	723.2	722.3	722.0	95	82	89	S 1	SW 1	SE 1	10	9	10	1.0	●° n-6½, ≡² n-9, p ⸙,
18	4.5	7.7	7.2	6.5	7.9	719.7	718.6	719.0	82	66	65	E 1	NE 1	S 0	10	9	9	.	p ⸙ [● 17-18
19	5.0	12.4	3.6	7.0	8.4	718.7	718.2	717.1	78	46	86	S 0	SW 0	NW 0	8	4	4	0.1	
20	1.0	11.5	5.6	6.0	7.4	716.6	715.7	715.6	96	52	62	NE 0	SW 0	E 1	3	2	7	.	⊔ l
21	3.7	11.4	3.4	6.2	7.5	714.8	714.3	714.4	80	50	62	E 0	NW 0	NE 0	9	3	1	.	
22	4.0	11.6	6.0	7.2	8.5	714.8	713.8	714.5	71	51	70	NE 1	E 0	SW 0	10	5	9	.	
23	5.4	9.4	7.9	7.6	8.9	720.2	723.2	727.3	75	70	78	E 0	NE 0	SW 0	9	9	8	0.2	●° 8½-10½, 12-17
24	4.0	**12.7**	4.2	7.0	8.2	731.2	731.4	732.3	97	55	90	E 0	SW 0	SE 0	5	1	0	.	
25	-0.3	4.3	-0.7	1.1	2.3	**733.6**	**733.6**	733.1	100	81	100	SE 0	SE 0	SE 0	10≡	1	5≡	.	⊔° l, a ≡², p ≡°, ≡ 17½-n
26	-2.2	1.2	-1.6	-0.9	0.2	732.6	732.1	731.6	100	95	100	SE 0	SE 0	SE 0	10≡	9≡	9≡	.	a ≡² ⊔, ≡-II, 18-n
27	-2.8	2.7	-1.6	-0.6	0.5	731.6	731.2	730.7	100	71	96	SE 0	SE 0	SE 0	10≡	0	2	.	a ≡ ⊔, ≡° III-n
28	-3.8	0.7	-2.2	-1.8	-0.8	731.0	730.5	730.2	100	81	100	SE 0	SE 0	N 0	10≡	6	10≡	.	a ≡ ⋁, ≡° II, ≡² 16-n
29	-3.9	-1.8	-2.7	-2.8	-1.8	730.3	730.0	730.0	100	100	100	W 0	NW 0	W 0	10	10≡	10≡	.	a ≡² ∽°, ⧵ °, p ≡,
30	-4.9	-2.8	-3.2	-3.6	-2.7	729.9	729.3	729.3	100	100	100	W 0	W 0	SW 0	10≡	10≡	10≡	.	≡⋁ [≡ 15½-n
31	-3.9	-2.6	-3.0	-3.2	-2.3	729.8	729.9	730.6	100	100	100	E 0	S 0	SE 0	10	10	10	.	≡° ⋁
																		Summe	
Mittel	-2.1	2.8	-0.3	0.1	—	721.7	721.7	722.4	88	72	81				8.2	6.0	6.5	62.1	*) **16**. p ⸙, ● 19½-n

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$Hb = 1787.3^m$, $G = -0.11\,^m/_m$.

Rigi-Kulm.

Januar 1918.
Beobachter: *Hospenthal.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-3.4	-1.4	-3.0	-2.6	1.9	607.9	608.7	610.3	51	40	41	S 4	S 3	SW 0	1	3	0	.	⸙ l, ⸙-II
2	-6.4	-5.4	-8.0	-6.6	-2.1	612.5	612.9	612.3	80	70	72	W 2	W 2	W 0	0	0	3	1.1	
3	-9.4	-12.6	-16.4	-12.8	-8.3	611.0	611.2	613.3	94	85	88	W 0	NE 1	NE 2	10*	10*	0	2.7	✳ ≡° n-II
4	-13.6	-11.6	-11.6	-12.3	-7.8	613.8	615.3	616.0	26	28	26	E 4	E 1	E 0	0	3	0	.	⸙ l
5	-6.0	-2.8	-1.2	-3.3	1.2	616.8	617.2	616.4	28	33	18	W 0	W 0	W 0	0	0	0	.	
6	0.8	2.0	-0.6	0.7	5.2	614.1	611.3	609.1	**12**	15	23	W 1	W 2	W 2	0	3	3	.	
7	0.0	-0.8	-0.6	-0.5	4.1	605.1	601.8	600.0	73	98	60	W 1	SW 2	W 3	10	10*	10*	3.8	✳ 12½-n, ⸙ ≡° III-n
8	-4.6	-9.6	-14.6	-9.6	-5.0	**595.6**	597.2	601.5	100	100	100	W 3	E 4	W 2	10*	10*	10*	**39.6**	a ⸙, ⸙ II, ≡° ✳²
9	-18.0	**-18.6**	-15.2	-17.3	-12.7	605.6	608.9	611.4	100	100	100	NW 3	NW 3	W 4	10*≡	10	10	2.0	✳ ≡ l, ⸙ ≡°, ⸙ III-n
10	-11.0	-8.2	-8.6	-9.3	-4.7	610.9	614.0	616.0	100	100	85	W 5	W 4	W 3	10	10*-	10	0.7	a ≡°, ✳° ≡ II, ⸙, ⸙ III-n
11	-8.8	-8.8	-9.6	-9.1	-4.5	614.0	613.1	612.5	78	95	95	SW 4	W 3	W 3	5	3	1	.	⸙ l, ⸙
12	-5.0	-1.6	-2.2	-2.9	1.7	609.7	608.6	607.2	51	22	27	W 3	W 3	W 2	0	3	10	14.5	⸙ n-II, n ✳
13	-1.4	-3.0	-8.0	-4.1	0.5	605.6	605.4	608.6	100	100	100	W 3	W 4	NE 2	10	10*	10*≡	22.9	a ⸙ ≡°, ⸙ II, ✳ 11½-n,
14	-9.0	-7.0	-5.0	-7.0	-2.4	611.8	612.8	614.0	100	83	44	W 2	NW 1	W 1	0	0	0	.	[≡ III
15	-0.2	0.8	2.2	0.9	5.5	612.4	613.2	614.7	26	90	90	W 1	W 3	W 3	10	10*	10	1.2	✳ ⸸ 12-p, p n ⸙
16	3.2	1.8	-0.4	1.5	6.1	612.8	612.2	615.2	72	95	100	W 3	W 5	W 4	10●≡	10	10●*	19.5	a ⸙ ● ≡, p ⸙, ● ✳ III-n
17	-1.2	2.2	3.2	1.4	6.0	616.8	616.8	617.1	100	53	60	W 2	W 3	W 3	5	10	7	1.4	p ⸙, ● 18½-19
18	**5.0**	**5.0**	1.4	3.8	8.4	616.8	614.2	614.7	45	50	75	W 0	S 0	SW 1	10	10	7	.	
19	2.0	3.6	2.8	2.8	7.4	614.3	614.0	613.4	50	45	41	W 0	S 2	S 2	3	3	3	.	
20	2.8	3.8	3.0	3.2	7.8	612.4	611.7	611.4	41	32	40	S 3	S 2	S 4	5	3	5	.	⸙ l, ⸙ III-n
21	2.2	2.2	0.6	1.7	6.3	610.7	609.8	609.9	43	42	42	S 2-3	SW 4	S 4	7	4	1	.	⸙ l, ⸙
22	2.4	4.0	3.4	3.3	7.9	610.2	609.9	610.0	46	42	45	S 4	S 4	S 4	10	10	10	.	⸙
23	0.0	3.2	0.0	1.1	5.7	615.3	617.4	620.4	85	43	92	SW 0	S 0	W 1	10	10	10*	0.6	✳° III
24	-0.8	2.4	3.4	1.7	6.3	623.5	624.0	624.9	100	63	22	W 1	SW 0	W 1	5	0	0	.	
25	4.6	4.4	4.6	4.5	9.1	625.7	**625.8**	625.7	40	44	40	E 0	W 1	E 0	0	0	0	.	
26	2.2	4.0	2.4	2.9	7.4	625.1	624.7	624.5	45	51	43	W 0	W 0	W 0	0	0	0	.	≡° II
27	0.2	2.8	-0.6	0.8	5.3	624.1	624.3	623.3	38	55	58	W 0	W 0	E 0	0	0	0	.	≡° II
28	0.6	3.0	0.6	1.4	5.9	623.1	622.7	622.8	49	43	58	S 0	S 0	SE 1	0	0	0	.	
29	-0.6	0.8	-0.6	-0.1	4.4	622.0	621.7	621.7	41	38	43	SE 0	E 0	SE 1	0	0	0	.	
30	0.2	2.2	0.4	0.9	5.4	621.0	620.8	621.1	38	43	56	SE 0	SE 0	S 0	3	1	0	.	
31	-1.4	2.2	0.0	0.3	4.8	620.8	621.1	621.8	37	39	38	S 0	S 0	S 0	3	0	0	.	
																		Summe	
Mittel	-2.4	-1.3	-2.5	-2.1	—	614.2	614.3	614.9	61	59	59				4.5	4.7	4.2	110.0	

Januar 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H_b = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-17.6	-9.0	-14.6	-13.7	-3.6	618.1	617.7	618.0	85	74	81	SE 0	SE 0	— 0	1	1	0	.	
2	-16.2	-7.4	-15.4	-13.0	-2.9	618.6	617.9	617.5	85	68	73	N 1	SE 0	NE 1	0	0	0	.	n (1/2) ↙
3	-8.6	-6.3	-13.0	-9.3	0.9	615.2	615.1	619.3	65	51	50	E 0	W 3	N 1	9	8	0	.	↙ II
4	-24.8	-16.9	-21.4	-21.0	-10.8	620.8	620.8	622.2	70	64	63	SE 0	NE 1	NE 1	0	7	0	.	
5	-21.5	-12.2	-17.1	-16.9	-6.7	623.0	623.5	623.8	74	86	66	S 1	SE 0	N 1	0	0	0	.	
6	-17.8	-4.8	-10.0	-10.9	-0.6	621.3	619.3	618.1	70	45	70	S 0	W 1	— 0	0	1	0	.	n (6/7) ↙
7	-4.0	-3.0	-3.8	-3.6	6.7	614.2	611.9	608.5	75	80	90	NW 4	W 2	W 1	8	10*	10*	5.6	↙ I, ✳ 9-n
8	-3.2	-1.4	-10.7	-5.1	5.2	603.5	**602.0**	605.2	90	83	73	S 0	SE 0	N 3	10	10*	10	**6.8**	✳, ↙ III-n
9	-12.8	-4.8	**-25.1**	-14.2	-3.9	608.9	613.5	618.1	55	49	59	N 3	N 2	N 2	10	9	0	.	↙ I
10	-15.4	-10.2	-9.8	-11.8	-1.5	616.9	618.8	621.1	82	84	65	N 0	N 1	NE 1	10*	10*	0	6.4	✳ n-II
11	-18.6	-10.0	-16.8	-15.1	-4.8	619.7	618.4	618.2	86	68	78	SE 0	NW 0	NE 1	0	2	0	.	
12	-20.0	-5.6	-5.6	-10.4	-0.1	617.0	616.3	615.5	80	47	75	SE 0	S 1	NE 4	0	2	10	6.0	↙ III, n ✳ ↙
13	-3.6	-0.6	-4.2	-2.8	7.5	613.4	612.3	613.2	84	69	90	W 1	W 2	— 0	10	6	5	.	
14	-17.4	-10.0	-16.6	-14.7	-4.4	618.0	619.3	621.5	66	69	72	E 1	S 0	— 0	0	1	0	.	
15	-14.6	-0.4	-4.0	-6.3	3.9	621.7	621.5	623.1	75	**39**	58	N 0	SW 2	SW 1	2	10	10	.	
16	-0.6	2.0	0.4	0.6	10.8	621.4	620.5	621.2	78	78	84	W 4	SW 3	W 1	10	10	4	.	↙ n-I, ↙-p
17	-6.0	**3.2**	-3.7	-2.2	7.9	623.0	623.5	624.9	79	56	79	S 0	SW 1	— 0	1	9	1	.	
18	-6.8	1.2	0.4	-1.7	8.3	623.8	622.9	621.9	88	78	82	S 0	SW 3	W 3	6	10	10	.	p ↙
19	-6.0	2.3	-0.4	-1.4	8.6	622.5	622.5	622.9	90	70	84	W 1	W 1	W 1	7	9	10	.	
20	-4.2	1.4	-5.2	-2.7	7.2	622.7	622.0	622.5	86	70	80	NE 0	W 1	W 1	5	4	6	.	
21	-6.4	-0.3	-1.8	-2.8	7.0	620.8	619.5	620.0	88	75	85	W 1	W 3	NW 1	8	2	10	0.3	↙ II, n ✳°
22	-1.6	1.0	0.2	-0.1	9.6	620.2	620.3	621.1	90	86	86	S 2	SE 1	W 1	10	9	10	0.5	✳°
23	-1.0	2.2	-4.3	-1.0	8.6	622.6	624.4	627.6	90	74	87	S 1	W 1	W 1	9	8	9	.	☾ III
24	-9.0	-1.6	-9.6	-6.7	2.8	630.2	630.7	632.3	88	71	69	NW 0	N 0	— 0	0	0	0	.	
25	-10.4	-0.4	-7.0	-5.9	3.6	**633.1**	632.6	632.9	83	65	78	S 0	S 0	— 0	0	0	0	.	
26	-10.8	0.2	-7.0	-5.9	3.5	632.0	631.2	631.4	85	64	73	S 0	S 0	— 0	0	1	0	.	
27	-11.8	-0.4	-8.3	-6.8	2.5	631.3	630.3	630.7	80	60	73	S 0	S 0	— 0	0	0	0	.	
28	-12.8	-3.6	-8.2	-8.2	1.0	630.6	630.2	630.2	80	60	62	W 0	W 0	— 0	0	0	0	.	
29	-12.2	-1.6	-8.5	-7.4	1.7	629.2	628.0	628.5	74	61	68	W 0	NW 0	— 0	0	0	0	.	
30	-11.8	-1.2	-9.0	-7.3	1.7	628.0	627.1	628.3	80	60	62	S 0	S 0	— 0	1	0	0	.	
31	-13.4	-2.0	-10.2	-8.5	0.4	628.0	628.0	629.0	74	56	66	S 0	S 0	W 1	1	1	0	.	
Mittel	-11.0	-3.2	-8.7	-7.6	—	621.6	621.4	622.2	80	66	74				3.8	4.5	3.4	Summe 25.6	

Januar 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H_b = 540^m$, $G = 0.00\,^m/_m$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-0.6	5.5	-3.6	0.4	1.6	712.3	711.4	714.7	45	37	84	N 1	S 0-1	SW 0-1	1	9	8≡	.	⊔ I, ≡ III-n
2	-8.6	-1.6	-4.0	-4.7	-3.5	718.6	717.9	718.5	86	75	86	E 0	S 0	SE 0-1	10≡	0	10≡	.	⊔ ≡ I, ≡ III-n
3	-3.0	-2.4	-2.1	-2.7	-1.5	716.0	715.6	717.8	90	75	68	E 0	S 0	SE 0-1	10≡	10≡	10≡	.	⊔ ⊔ I, ≡
4	-5.2	-4.3	-7.8	-5.8	-4.6	720.5	721.8	724.0	73	65	85	S 0-1	S 1	E 0	10	0	0	.	⊔ ⊔ I
5	-9.2	-3.2	-7.4	-6.6	-5.4	723.7	722.8	722.2	70	46	71	E 0	E 0-1	E 0	0	0	0	.	⊔ I
6	-6.9	0.3	-3.6	-3.4	-2.1	719.1	715.6	712.5	70	41	60	NE 0	NE 1	SE 0	0	0	0	.	⊔ I
7	0.5	3.2	0.6	1.4	2.7	707.7	706.9	703.6	50	72	99	E 0	SW 0-1	E 0	9	10●*	10	7.4	● ✳ 13-p
8	0.8	1.4	-3.8	-0.5	0.8	**697.1**	698.8	706.6	97	81	78	E 0	SW 2	SW 2	10●*	10*	2	7.0	≡ I, ● ✳ n-II, p ↙
9	-5.6	-5.2	-7.2	-6.0	-4.8	708.7	717.6	722.2	49	45	54	W 1	NW 1	WNW 0-1	10	8	9	5.5	
10	-7.4	-0.8	-3.6	-3.9	-2.7	720.5	722.2	724.0	94	73	69	SW 0-1	SW 0-1	SE 1	10*	10*	0	3.7	✳ n-II, ● ✳-14½
11	-7.4	-5.7	-8.6	-7.2	-6.0	722.0	721.1	719.1	75	75	79	E 0-1	E 0-1	E 0	0	0	0	.	⊔ ⊔ I
12	**-10.6**	-4.2	-3.0	-5.9	-4.7	715.9	713.0	710.4	78	58	72	E 0-1	E 0-1	E 0	0	4	7	7.0	⊔ ⊔ I
13	0.0	2.4	1.6	1.3	2.5	710.4	708.4	711.5	97	77	94	SE 0	SE 0	W 0	10*	9	3	2.3	n a ✳
14	-3.0	-0.2	-4.2	-2.5	-1.3	716.6	717.7	719.9	57	60	75	W 1-2	SE 0	E 0	0	0	0	.	
15	-4.0	2.0	0.8	-0.4	0.7	718.2	719.6	719.6	62	53	97	NE 0	E 0-1	SE 0	9	10*●	10●	9.7	● ✳ 12½-19, ● III-n
16	2.0	2.3	3.3	2.5	3.6	716.3	715.6	719.4	97	98	97	E 0-1	SW 0-1	SW 0-1	10●≡	10●	4	**11.0**	≡ I, ● n-18
17	1.9	5.9	4.0	3.9	4.9	720.2	720.6	720.3	92	66	79	NE 0	NE 0	E 0	4	8	9	.	
18	4.0	6.4	5.7	5.6	6.5	716.9	715.5	717.5	66	59	62	E 0	SE 0	E 0-1	10	9	9	.	
19	3.5	7.2	5.4	5.4	6.3	717.1	716.5	716.5	65	48	50	E 0-1	SE 0-1	E 0-1	4	3	8	.	
20	4.5	8.9	6.0	6.5	7.3	716.2	714.2	714.8	49	41	45	E 0	SW 0	ENE 0-1	5	1	6	.	☾ III
21	6.0	**12.0**	5.0	7.7	8.4	713.2	711.2	713.7	46	**26**	42	E 0-1	NE 3	E 0	8	3	0	.	↙ II
22	5.5	11.0	9.5	8.7	9.4	713.3	712.0	713.2	45	36	38	E 0	SW 1-2	S 0-1	9	10	8	.	
23	7.8	**12.0**	6.6	8.8	9.4	718.5	719.9	724.3	45	40	75	E 0	E 0	SE 1	9	8	8	.	
24	1.6	7.6	4.4	4.5	5.1	728.0	727.4	728.7	86	47	59	NE 0-1	E 0-1	E 0-1	0	0	0	.	
25	1.2	8.0	3.4	4.2	4.7	**730.0**	728.8	729.6	72	51	76	E 0	S 0-1	E 0	0	0	0	.	⊔ I
26	1.7	7.0	1.0	3.2	3.6	729.1	727.5	728.2	80	59	88	NE 0-1	S 0-1	SE 0	0	0	0	.	⊔ ⊔ I
27	0.9	6.0	1.6	2.5	2.8	727.8	726.6	727.5	85	55	81	SE 0	S 0	SE 0	0	0	0	.	⊔ ⊔ I
28	-1.2	5.3	-1.0	1.0	1.3	726.9	725.9	726.4	86	64	98	SE 0	SSW 0-1	S 0	0	0	0	.	⊔ ⊔ I
29	-2.2	2.0	-3.2	-1.1	-0.9	726.3	725.5	726.2	85	77	95	E 0	SW 0-1	SW 0-1	0	2	0	.	⊔ ⊔ I
30	-2.0	3.0	-3.5	-0.8	-0.7	725.3	724.0	725.4	75	56	100	SE 0	SW 1	SE 0	4	3	7	.	⊔ ⊔ I, ≡ III
31	-2.0	3.0	-2.3	-0.6	-0.6	725.3	724.3	726.4	95	69	100	SE 0	SW 0-1	SW 0	4	3	10≡	.	⊔ ⊔ I, ≡ III
Mittel	-1.2	3.1	-0.3	0.5	—	718.6	718.3	719.5	73	59	76				5.0	4.5	4.5	Summe 53.6	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$H_b = 276.2^m$, $G = 0.03^{m/m}$.

Lugano.

Januar 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-2.0	3.8	-0.8	0.3	-1.0	739.7	739.2	740.1	85	55	80	N 0	N 0	N 0	0	0	0	.	
2	-3.0	3.0	-1.2	-0.4	-1.7	738.9	736.7	735.9	78	50	70	N 0	W 0	N 0	0	0	0	.	
3	2.0	1.2	-2.2	0.3	-1.0	732.4	733.6	739.7	60	80	80	SSE 0	SSE 0	N 0	0	0	0	.	
4	-4.0	0.2	-4.6	-2.8	-4.1	745.4	745.4	746.8	42	38	47	N 0	N 0	N 0	8	0	0	.	
5	**-6.6**	0.6	-3.6	-3.2	-4.4	745.2	745.7	745.6	62	42	62	N 0	SW 0	N 0	0	0	0	.	
6	-6.0	3.2	1.2	-0.5	-1.7	744.3	742.6	740.6	70	47	75	N 0	N 0	N 0	0	10	10	.	
7	1.0	1.2	0.4	0.9	-0.3	736.9	733.8	729.8	90	92	95	SW 0	N 0	N 0	10	10*	10	8.5	✳ 9–20½ ⊠
8	0.2	1.2	0.8	0.7	-0.5	724.2	**721.3**	724.7	95	94	60	N 0	N 0	NE 2	10	10*	0	0.8	✳° 10½–11½, 13½–14, ⊠
9	0.2	-1.2	-2.0	-1.0	-2.2	730.2	735.9	741.6	40	**20**	25	NE 2	NE 2	N 1	6	0	0	.	↙ n–III [↙ 19½–n
10	-4.4	2.0	-1.8	-1.4	-2.6	742.2	742.0	743.7	35	35	68	N 0	N 0	N 0	6	0	0	.	
11	-4.2	4.0	-2.2	-0.8	-2.0	741.3	739.7	739.5	65	42	60	N 0	SW 0	N 0	0	0	0	.	
12	-5.0	3.6	1.4	0.0	-1.2	739.6	739.4	737.5	65	42	90	N 0	N 0	N 0	0	0	10	.	
13	0.4	3.2	1.4	1.7	0.5	735.6	734.3	733.5	89	70	85	N 0	SSW 0	N 0	10	10	10	.	p ≡°
14	7.8	**8.8**	0.2	5.6	4.4	736.7	737.7	743.0	**20**	35	50	NE 0	S 0	N 0	0	0	0	.	
15	-2.2	4.8	0.4	1.0	-0.3	744.8	745.2	745.6	70	55	70	N 0	SW 0	N 0	0	0	0	.	
16	1.8	2.6	2.0	2.1	0.8	744.7	743.1	743.1	65	75	70	N 0	N 0	N 0	10	10	10	.	
17	0.0	6.0	3.0	3.0	1.7	744.1	745.4	746.3	95	75	90	N 0	NW 0	NW 0	0	10	6	.	
18	3.4	6.0	3.6	4.3	3.0	745.7	744.4	744.4	88	75	95	N 0	N 0	NW 0	10	10	10●	9.0	● III–n
19	2.8	5.4	4.0	4.1	2.7	743.9	744.3	744.7	96	95	95	N 0	SW 0	NW 0	10●	10●	10	2.0	●° n–II, ≡° III–n
20	3.8	5.0	4.4	4.4	3.0	744.3	744.2	744.7	95	95	96	N 0	N 0	N 0	10	10	10	2.0	≡°, n ●
21	3.2	4.2	3.6	3.7	2.3	743.3	742.9	743.4	97	95	95	N 0	N 0	N 0	10≡●	10●	10●	12.0	≡² I, ● ≡°, n ●
22	2.8	3.8	3.6	3.4	1.9	743.0	742.9	743.9	96	95	95	N 0	N 0	N 0	10●	10●	10	**13.5**	●, n ●°
23	3.8	5.0	4.0	4.3	2.8	745.4	747.1	749.3	96	94	95	N 0	N 0	N 0	10●	10	10	1.0	≡° I, III, a ●, p ●°
24	1.0	7.0	2.8	3.6	2.0	751.4	751.4	753.1	90	65	88	N 0	SW 0	N 0	0	0	0	.	
25	0.6	6.6	2.4	3.2	1.6	**755.0**	754.3	754.3	90	62	80	N 0	SW 0	N 0	0	0	0	.	⊔ I
26	-0.2	6.6	2.2	2.9	1.2	753.5	752.4	752.4	88	60	80	N 0	S 0	N 0	0	0	0	.	⊔ I
27	-0.4	6.2	2.6	2.8	1.1	752.4	750.8	751.3	85	60	75	N 0	S 0	N 0	0	0	0	.	⊔ I
28	0.4	8.2	2.2	3.6	1.8	750.7	750.1	750.0	75	45	75	N 0	S 0	N 0	0	0	0	.	⊔ I
29	0.8	7.6	2.6	3.7	1.9	749.4	748.4	748.8	75	45	70	N 0	S 0	N 0	0	0	0	.	⊔ I
30	0.4	6.8	2.6	3.3	1.4	748.1	747.4	748.2	78	52	75	N 0	S 0	N 0	2	0	0	.	⊔ I
31	0.0	7.0	2.2	3.1	1.1	749.6	749.4	750.4	80	55	75	N 0	S 0	N 0	0	0	0	.	⊔ I
Mittel	0.0	4.3	1.1	1.8	—	743.3	742.9	743.7	76	63	76				3.9	3.9	3.7	Summe 48.8	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$H_b = 277.2^m$, $G = 0.13^{m/m}$.

Basel.

Januar 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-7.4	-5.6	-7.4	-6.8	-6.5	736.0	737.0	739.2	94	90	94	W 0	NW 1	SE 0	10	8	10	.	⊠
2	-9.2	-3.8	-3.6	-5.5	-5.2	742.0	743.0	742.4	90	86	87	S 0	W 0	S 0	10	10	10	0.4	≡° I, ✳° 11, 16½–17 ⊠
3	-3.4	-1.2	-9.0	-4.5	-4.2	740.9	742.1	746.2	95	84	88	S 0	NW 0	NW 0	10	6	0	.	✳° 5½–6½ ⊠
4	**-14.2**	-7.4	-11.0	-10.9	-10.6	747.6	747.9	748.1	90	61	74	E 0	SE 0	SE 0	0	2	0	.	⊔ I ⊠
5	-13.0	-6.3	-10.4	-9.9	-9.6	747.6	746.8	744.9	82	66	75	SE 1	SE 1	SE 1	0	2	0	.	⊔ I ⊠
6	-11.4	-4.0	-3.8	-6.4	-6.1	741.0	737.5	732.8	85	71	83	SE 1	SE 1	SE 1	0	5	5	.	⊔ I ⊠
7	0.0	9.0	9.4	6.1	6.5	727.0	723.0	720.0	89	57	60	SE 1	W 1	SW 1	10	10	10	**10.0**	∽ n–II, ● 8–16½ ⊠
8	-1.0	-1.3	-4.0	-2.1	-1.7	**719.9**	724.9	730.8	100	96	89	NW 2	NW 1	SW 1	10*	10*	10	6.5	● 2–5, ✳–18½, 22, a ∽ ⊠
9	-8.0	-6.0	-6.0	-6.7	-6.3	738.1	742.3	744.1	74	67	68	W 2	NW 1	SW 1	10	10	10	1.0	✳ 2½–4½, 12½–13 ⊠
10	-4.0	2.6	3.0	0.5	0.9	741.4	743.2	744.4	88	80	70	E 1	W 2	SW 3	10	10	10	0.1	✳° 4–11, ●° 12, *) ⊠
11	3.2	4.2	1.4	2.9	3.3	742.2	741.3	740.8	64	60	73	W 1	W 2	SW 1	10	5	2	.	⊠
12	-4.4	0.4	0.2	-1.3	-0.9	736.6	733.4	731.0	87	68	67	SE 1	SE 1	SE 0	0	3	10	3.5	✳° 22½–23 ⊠
13	1.8	3.6	0.2	1.9	2.2	728.7	729.3	737.4	96	97	84	E 1	NE 0	W 1	10	10●	10	7.5	● 0–5, 8–16, ✳–20, a ∽ ⊠
14	-3.4	0.8	-1.4	-1.3	-1.0	740.1	741.1	741.3	86	65	76	SE 1	SE 1	SE 1	2	3	0	.	⊠
15	-1.2	7.2	8.6	4.9	5.2	736.4	736.3	736.5	76	80	86	SE 2	S 1	SW 1	10	10	10●	2.2	∽ 10–14, ● 10–12, 15–22 ⊠
16	12.9	**13.8**	5.2	10.6	10.9	733.7	734.8	742.6	71	59	75	SW 3	SW 3	W 1	10	10	10	5.5	↙ n–18½, ● 4–9, 12–20
17	2.4	8.8	7.3	6.2	6.5	742.0	740.3	739.6	93	73	91	SE 1	SE 1	SE 0	10●	10	10	1.0	● 5–8, 16–19½
18	4.4	7.6	12.2	8.1	8.3	737.8	736.8	736.8	93	81	53	SE 1	E 1	SW 1	10	9	10	.	
19	5.8	11.8	7.2	8.3	8.5	736.2	735.6	735.4	88	65	75	SE 1	E 1	SE 1	8	6	2	.	
20	4.2	11.4	5.6	7.1	7.3	734.3	733.0	733.0	81	**51**	75	SE 1	E 1	E 1	9	6	7	.	
21	5.0	9.6	6.0	6.9	7.1	732.8	732.6	732.1	75	62	76	SE 1	E 0	SE 0	10	8	0	.	
22	5.4	10.6	6.8	7.6	7.7	732.4	731.7	733.2	64	54	80	SE 1	NE 1	SE 0	10	7	10	2.2	●° 9½, ● 16½–18
23	6.6	8.6	7.4	7.5	7.6	738.9	741.5	746.4	97	84	91	SE 1	SE 1	NW 1	10●	10	10	0.5	● 5–12, ●° III
24	4.4	10.8	5.2	6.8	6.9	750.2	750.4	751.6	93	73	94	SE 1	E 1	SE 0	4	4	0	.	
25	1.0	8.0	3.8	4.3	4.3	**752.5**	752.1	752.4	96	78	87	SE 1	E 1	SE 1	4	2	0	.	≡° ⊔ I
26	0.4	5.4	0.6	2.1	2.1	751.5	750.7	751.0	96	78	94	SE 1	SE 1	SE 0	4	2	10≡	.	≡° ⊔ I, ≡ 19½–n
27	-0.6	4.0	0.0	1.1	1.0	750.6	750.1	749.9	96	83	97	SE 1	SE 1	SE 1	2	2	8≡	.	⊔ I, ≡ 19½–n
28	-1.6	3.8	-0.8	0.5	0.4	750.0	749.2	749.9	96	80	100	SE 1	SE 1	NW 1	2	2	10≡	.	≡° ⊔ I, ≡ 17–n
29	-2.0	2.2	-0.6	-0.1	-0.3	749.6	749.1	749.7	100	83	100	SE 1	SE 1	E 0	10≡	3	10≡	.	≡ ⊔ I, ≡ 16–n
30	-2.6	-0.8	-1.4	-1.6	-1.9	749.5	748.8	749.1	100	92	100	E 0	NW 0	NW 1	10	10	10≡	.	≡° ⊔ I, ≡ 17–n
31	-1.4	1.4	-0.8	-0.1	-0.5	749.0	748.9	749.9	88	76	89	SE 1	SW 1	E 0	10	4	10	.	
Mittel	-1.0	3.5	1.0	1.2	—	740.5	740.5	741.4	88	74	82				7.3	6.4	6.9	Summe 40.4	

*) **10.** 15½–16½, ↙ III

Januar 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-7.6	-7.1	-7.2	-7.3	1.5	557.1	557.8	558.5	74	75	73	SE 2	SE 2	SE 1	2	1	1	.	⊹ 8-n
2	-9.8	-9.0	-12.1	-10.3	-1.5	559.3	559.5	558.5	74	78	87	SW 2	SW 3	WSW 2	1	0	10	3.5	
3	-15.3	-17.4	-22.7	-18.5	-9.7	556.4	556.4	557.9	95	100	67	WNW 1	NNW 1	NNE 2	10≡*	10≡*	0	1.8	≡ ✳ n-20, ∨
4	-20.8	-17.8	-15.6	-18.1	-9.3	558.9	560.4	561.7	65	70	69	NNE 1	W 0	WNW 1	1	3	1	.	
5	-12.0	-7.6	-6.7	-8.8	0.1	563.1	564.1	563.8	76	48	45	SW 3	NW 2	WSW 3	1	1	1	.	
6	-6.9	-4.5	-5.3	-5.6	3.3	561.1	559.5	557.4	43	47	47	WSW 4	WSW 5	W 4	1	6	2	.	⸙ n-II, ⸙-n
7	-4.5	-5.2	-6.2	-5.3	3.6	553.6	550.4	548.1	90	82	90	SW 4	WSW 3	WSW 4	9	9	3	0.9	⸙ I, p ⸙, *)
8	-6.8	-13.4	-18.9	-13.0	-4.1	544.0	**543.9**	546.8	80	100	100	WSW 3	ENE 2	NW 1	9	10≡*	10-*	9.0	⸙ 10½, ≡ ✳ ⊹² 8-n
9	-20.9	**-24.4**	-21.8	-22.4	-13.6	549.6	552.2	555.5	100	100	100	NW 1	NNE 3	N 3	10≡*	10≡*	10≡*	1.9	✳ n-15, 18-n, *)
10	-17.1	-14.4	-13.8	-15.1	-6.1	555.3	558.5	560.0	100	100	100	WSW 4	ENE 4	NE 3	10≡*	10≡*	10≡*	7.9	⸙ I, II, ≡² ✳ ⊹², p ∨°
11	-14.6	-14.1	-14.1	-14.3	-5.3	558.2	557.9	557.4	98	98	98	WSW 4	WSW 3	WSW 3	10≡*	10≡	4	0.3	✳° n-8, a ⊹², ⸙, *)
12	-10.4	-6.8	-7.0	-8.1	0.9	556.3	556.3	554.5	75	51	65	WSW 3	WSW 4	WSW 4	1	3	6	2.2	⊹ n-14, ⸙ 10½, ⸙, n ✳
13	-5.7	-5.4	-11.6	-7.6	1.4	552.6	552.6	555.2	100	100	100	WSW 3	SW 2	WNW 1	10≡*	10≡*	10≡*	24.0	≡² ✳ ⊹² ∨
14	-15.2	-11.6	-10.6	-12.5	-3.5	557.6	559.1	560.9	75	80	81	WSW 2	WSW 3	WSW 3	1	1	1	.	⸙ 16½
15	-5.3	-3.6	-1.7	-3.5	5.5	560.2	559.0	561.2	65	98	100	WSW 4	WSW 4	WSW 4	9	10≡*	10≡*	10.2	a ⊹, ⸙, p n ⊹² ∨ ≡ ✳
16	-1.5	-2.2	-5.7	-3.1	5.9	560.6	559.3	561.6	98	100	100	WSW 3	SW 4	WSW 3	10	10≡*	10≡*	**41.9**	⸙ ✳² ≡ ⊹² ∨ 9-n
17	-5.1	-5.3	-2.0	-4.1	4.9	563.1	563.9	564.2	100	89	97	WSW 3	WSW 3	SW 3	10≡*	9	9	.	≡ ✳° n-8, ⊹² ∨, ⸙ 16½
18	-2.1	-1.8	-4.8	-2.9	6.1	563.9	562.7	562.3	88	80	87	SW 4	SSW 2	SW 3	8	9	7	.	⸙ I
19	-4.4	-2.2	-3.2	-3.3	5.7	562.2	562.5	562.2	78	70	69	SW 3	SW 3	SSE 1	3	7	2	.	
20	-2.8	-2.2	1.0	-1.3	7.8	561.5	561.1	561.3	67	59	50	WNW 2	SW 3	WSW 2	4	4	7	.	
21	-0.4	-2.4	-5.2	-2.7	6.4	559.6	558.8	559.1	55	63	70	WSW 2	SSW 4	SSW 4	7	6	2	.	p ⸙
22	-3.8	-1.9	-2.3	-2.7	6.4	559.6	559.5	559.8	75	75	75	SSW 2	S 3	SSW 4	9	7	8	.	p ⸙
23	-4.7	-2.8	-4.2	-3.9	5.2	562.5	565.2	567.7	78	79	98	SW 2	SW 2	WSW 3	8	9	10-*	8.5	✳° 14½-15, *)
24	-5.4	-5.4	0.7	-3.4	5.7	570.1	571.5	573.1	100	70	68	WSW 3	SW 2	NE 1	10≡*	3	1	0.1	✳° n-8, ≡ n-10
25	0.0	**2.2**	-0.2	0.7	9.8	573.7	**574.0**	573.9	68	43	55	NE 2	NE 1	NE 1	1	1	1	.	
26	0.4	1.5	0.6	0.8	9.9	572.9	572.7	572.5	61	60	56	NE 1	NE 1	ENE 1	1	2	0	.	
27	-1.7	0.5	-1.5	-0.9	8.2	571.5	571.5	570.9	60	60	58	ENE 0	ENE 0	SW 1	1	0	0	.	
28	-2.2	-0.6	-1.2	-1.3	7.8	570.6	570.7	570.4	58	46	40	SW 1	SSW 2	SSW 2	1	0	0	.	
29	-3.7	-0.5	-2.6	-2.3	6.8	569.7	569.6	569.4	41	42	49	SSW 0	SW 0	NE 1	1	1	0	.	
30	-2.4	-0.3	-2.6	-1.8	7.3	568.6	568.7	568.7	50	42	38	NE 0	ENE 0	ENE 1	2	1	2	.	
31	-3.4	-1.8	-3.8	-3.0	6.1	568.3	568.9	569.5	38	**35**	36	SW 0	ENE 1	SW 0	4	1	1	.	
																		Summe	
Mittel	-7.0	-6.0	-6.9	-6.6	—	561.3	561.5	562.1	75	72	73				5.3	5.3	4.5	112.2	—

*) **7.** ≡ ✳° 16-20½, ⊹ 16-n *) **9.** ≡ ⊹² ∨°, ⸙ 16½ *) **11.** ≡ ∨ n-21, p ⊹ *) **23.** ≡ ✳ ⊹ 18½-n

Januar 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^m/_m$.

1	-9.8	-5.8	-8.2	-7.9	-0.1	586.9	588.0	587.5	84	81	54	S 2	S 1	S 1	4	2	0	.	
2	-9.4	-5.4	-5.9	-6.9	0.9	589.2	588.7	588.1	60	50	66	N 2	N 2	N 2	0	0	0	.	
3	-11.2	-12.6	-16.8	-13.5	-5.7	585.7	585.4	587.8	87	90	87	N 2	N 4	N 3	10	10*	10*	.	⊹ ✳°, ⸙ II, p ⸙
4	-19.2	-13.8	-12.2	-15.1	-7.2	588.9	589.3	591.1	83	84	46	N 2	N 3-4	N 2	0	0	0	.	⸙ II
5	-10.4	-6.0	-5.8	-7.4	0.5	592.0	593.3	593.0	44	27	**23**	N 3	N 0-1	N 0-1	0	0	0	.	⸙ I
6	-9.0	-5.4	-9.4	-7.9	0.0	590.9	590.0	587.8	27	33	94	E 0	SE 1	S 2	0	0	5	.	
7	-8.4	-5.9	-7.3	-7.2	0.7	584.4	582.0	578.6	93	89	96	S 2	S 2	S 2	10-	10-	10*	1.2	≡ n-II, ✳ 13-n
8	-8.0	-7.8	-15.9	-10.6	-2.7	574.1	**572.6**	574.9	95	94	80	S 1	N 2	N 3	10≡	10*	10-	**17.5**	≡ ⊹ ✳, ⸙ III-n
9	-18.8	**-20.0**	**-20.0**	-19.6	-1.7	579.5	582.0	585.9	80	58	80	N 4	N 4	N 2	10-	10-	10-	15.4	⸙ n-II, = ✳ ⊹ 22-n
10	-11.6	-9.1	-10.8	-10.5	-2.6	586.6	589.1	590.6	87	89	90	N 2	N 1	N 2-3	10*	10*	0	16.0	✳ n-14, ⸙ ⊹ 18-n
11	-15.0	-11.8	-13.8	-13.5	-5.6	589.5	588.8	588.7	80	74	*50	N 1	N 1-2	N 3	0	1	0	.	⸙ III
12	-12.0	-10.1	-10.0	-10.7	-2.8	587.5	586.1	585.9	38	39	83	E 1	S 2	E 2	0	0	0	.	
13	-8.4	-8.1	-7.4	-8.0	-0.1	583.6	582.1	584.2	93	82	94	S 2	S 2	N 3	10≡	10≡	10*	8.3	≡ n-p, ✳ ⸙ 16-n
14	-11.2	-8.7	-9.0	-9.6	-1.6	586.7	588.9	591.1	80	50	48	N 2	N 0-1	N 0-1	1	0	0	.	
15	-8.5	-5.8	-7.1	-7.1	0.9	591.1	592.4	591.3	53	56	67	S 2	S 2	S 2	0	10≡	10≡	4.4	≡ 12-n, n ✳
16	-6.3	-2.6	-3.5	-4.1	3.9	591.8	590.5	592.1	96	94	98	S 3	S 2	S 1	10≡	10≡	5	6.2	⸙ I, ≡, n ✳
17	-4.5	-0.1	-2.2	-2.3	5.6	593.5	594.2	594.7	66	53	73	S 1	S 0-1	S 0-1	3	8	6	.	
18	-4.2	-4.2	-3.9	-4.1	3.8	593.8	592.7	592.2	95	94	100	S 1	S 2	S 1	8	10	10	.	≡ 10-n
19	-3.8	-2.6	-3.5	-3.3	4.6	592.1	592.6	593.2	97	98	95	S 1	S 1-2	S 2-3	10≡	10≡	10≡	4.6	≡, ⸙ III, n ✳
20	-3.8	-2.8	-3.9	-3.5	4.4	593.7	592.0	592.0	97	88	98	S 2	S 2	S 2	10-	10-	10*	4.8	≡ n-p, ✳ 18-n
21	-4.3	-4.0	-5.8	-4.7	3.2	590.2	589.9	590.1	95	94	95	S 2	S 1-2	SE 1	10≡	10*≡	10*	16.2	≡ n-p, ✳ 10-n
22	-4.9	-2.3	-3.6	-3.6	4.3	590.3	590.3	590.9	96	96	92	SE 2	SE 2	SE 2	10-	10-	10*	16.1	≡ n-p, ✳ 16½-n
23	-4.1	-1.4	-3.1	-2.9	5.0	593.0	595.2	597.9	97	100	98	SE 2	W 1	SW 1	10-	10-	10-	.	≡
24	-5.5	-2.9	-0.8	-3.1	4.8	599.7	600.9	601.6	88	41	45	NE 1	N 0-1	N 0	0	0	0	.	
25	-5.0	0.1	-2.8	-2.6	5.3	**602.8**	**602.8**	602.7	56	54	53	N 0	E 1	E 0	0	0	0	.	
26	-2.4	**1.5**	-1.6	-0.8	7.1	602.0	601.5	601.4	46	40	42	S 0	S 0	SE 0	0	0	0	.	
27	-2.1	1.[illegible]	-2.0	-1.0	6.8	600.9	599.7	600.7	41	40	50	SE 1	SE 0-1	SE 0-1	0	0	0	.	
28	-3.2	1.1	-2.3	-1.5	6.3	600.9	600.4	599.9	36	35	52	SE 0-1	SE 1	SE 1	0	0	0	.	
29	-2.8	1.3	-3.3	-1.6	6.2	599.7	598.5	598.2	47	42	41	SE 0	SE 0	SE 0	0	0	0	.	
30	-4.0	1.3	-3.2	-2.0	5.8	597.6	596.8	597.6	40	40	40	SE 0	SE 0	SE 0	1	0	0	.	
31	-4.8	0.5	-3.6	-2.6	5.2	597.4	598.0	598.6	40	40	45	SE 1	SE 1	SE 0-1	1	0	0	.	
																		Summe	
Mittel	-7.6	-4.9	-6.7	-6.4	—	591.5	591.4	592.0	72	66	70				4.5	4.9	4.4	110.7	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$.
$Hb = 572.2^m$. $G = 0.05\,^m/_m$.

Bern.

Februar 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−5.2	−1.9	−3.1	−3.4	−2.3	723.9	723.8	724.7	94	94	95	S 0	SW 0	E 0	10≡	9≡	10≡	.	≡² ⌣, ≡ II
2	−5.5	−2.1	−4.1	−3.9	−2.9	725.1	724.7	724.1	94	95	94	SW 0	N 0	NE 0	10≡	2≡	10≡	.	≡² ⌣, ≡ II
3	−5.6	−2.3	−3.4	−3.8	−2.9	722.6	720.8	720.9	93	94	95	SW 0	SE 0	W 0	10≡	2≡	10≡	.	≡² ⌣, ≡ II
4	−5.7	−0.4	−2.9	−3.0	−2.1	720.9	719.3	719.4	94	95	96	S 0	N 0	N 0	10≡	2≡	10≡	.	≡² ⌣, ≡
5	−6.0	−0.7	−3.4	−3.4	−2.6	718.1	716.8	717.1	95	96	96	N 0	NE 0	NE 0	10	2	10	.	⌣ I, ≡², ≡ II
6	−3.0	3.3	1.7	0.7	1.4	717.6	717.4	718.8	95	74	90	N 0	W 0	S 0	8	9	8	.	
7	2.1	9.7	5.4	5.7	6.3	718.7	717.4	717.5	82	59	69	S 0	W 1	W 0	8	8	2	.	
8	1.4	9.4	4.0	4.9	5.4	717.0	715.7	716.3	89	**43**	77	S 0	NE 0	S 0	8	1	10	.	
9	0.0	9.2	2.9	4.0	4.4	717.4	717.6	719.8	93	60	98	S 0	NW 0	SW 0	3	9	1	.	
10	0.1	9.7	1.6	3.8	4.1	723.0	724.1	725.0	99	52	97	S 0	NW 1	S 0	3	4	1	.	⌣ I
11	−1.1	8.8	2.2	3.3	3.5	725.6	724.8	724.4	100	47	93	S 0	SE 0	S 0	1	1	1	.	⌣ I
12	−1.3	9.1	1.9	3.2	3.3	722.9	722.0	720.9	100	53	97	S 0	S 0	S 0	1	2	1	.	⌣ I
13	−1.9	8.9	4.5	3.8	3.7	719.2	716.5	715.3	100	50	100	S 0	W 0	SW 0	1	6	10●	6.9	⌣ I, ● 16½-n
14	3.1	5.8	3.4	4.1	3.9	714.3	714.4	716.3	97	89	94	SE 0	SE 0	NE 0	10	10.	8	1.2	● n-11½
15	−1.2	−0.9	−4.4	−2.2	−2.5	717.9	718.0	717.2	96	72	59	NE 1	NE 2	NE 2	2	5	1	.	⌣ I, p ⸙
16	−8.0	−4.0	−6.1	−6.0	−6.4	713.7	712.8	713.0	61	51	63	E 2	NE 2	NE 1	3	1	2	.	⸙ n-II
17	**−10.4**	−1.8	−5.2	−5.8	−6.3	713.7	713.0	713.7	99	59	84	NE 0	N 1	NE 0	2	2	3	.	⌣ I
18	−8.8	0.0	−5.3	−4.7	−5.4	713.7	711.8	710.9	99	63	94	SW 0	NE 0	N 0	3≡	1	1	.	⌣ ≡ I
19	−8.4	−2.0	−3.7	−4.7	−5.5	712.0	711.9	713.6	100	87	90	N 0	NE 0	NNW 0	5≡	1≡	1	.	⌣ I, ≡ n-II
20	−7.7	3.4	−2.2	−2.2	−3.1	716.4	716.3	717.1	100	44	76	S 0	SE 0	S 0	2≡	2≡	1	.	≡ n-II
21	−2.4	3.6	1.6	0.9	−0.1	717.6	718.7	720.8	79	78	99	S 0	W 1	SW 0	10	10	10	1.2	⌣ I, ∗° ⸸° 12½-13,
22	0.1	5.4	4.9	3.5	2.4	722.3	723.6	723.6	97	55	64	SW 0	W 0	W 1	2	10	10	1.0	n (22/23) ● [● 14-14½
23	3.0	**10.8**	2.7	5.5	4.3	725.2	725.7	**726.2**	97	59	99	SW 0	N 0	SSE 0	10	7	1	.	
24	−1.0	4.8	2.4	2.1	0.7	724.6	722.7	722.0	98	94	95	SE 0	W 0	NW 0	10≡	10	10≡	.	⌣ ≡² I, ≡² III-n
25	1.8	3.9	1.9	2.5	1.0	719.3	718.4	719.8	95	94	94	SW 0	SE 0	NE 0	10≡	10●	4	2.9	⌣ ≡² I, ● 9½-17½
26	0.6	3.0	−0.2	1.1	−0.5	723.7	724.0	723.6	83	66	92	ENE 2	E 1	SE 0	10	5	1	.	⸙ I
27	−3.0	6.6	2.6	2.1	0.4	721.8	719.2	716.0	97	45	88	S 0	W 0	SW 0	1≡	5	7	0.1	⌣ ≡ I, ●° 18
28	1.0	6.7	2.7	3.5	1.6	708.2	704.1	**699.8**	89	60	96	S 0	WSW 2	SW 0	9	10	10	**13.0**	● 8½-10, ⸙ II, [● ∗ 17½-n
Mittel	−2.6	3.8	0.1	0.4	—	719.1	718.4	718.5	93	69	89				6.1	5.2	5.5	Summe 26.3	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

Februar 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−2.8	−1.8	−2.1	−2.2	−2.8	732.0	732.0	732.8	100	100	100	NE 0	E 1	NW 1	10≡	10≡	10≡	.	≡² V, ≡ II
2	−2.6	−2.0	−3.2	−2.6	−3.3	733.2	732.9	732.4	100	100	100	NW 0	NW 1	N 0	10	10≡	10≡	.	V, p n ≡
3	−3.6	−2.8	−2.8	−3.1	−3.9	730.7	729.2	729.2	100	100	100	NW 1	NW 1	NW 0	10≡	10≡	10≡	.	V ≡
4	−2.9	−2.2	−2.7	−2.6	−3.5	728.7	727.6	727.6	100	100	100	NE 0	NE 1	N 1	10	10≡	10≡	.	V I, ≡² 8½-n
5	−4.3	−2.9	−3.1	−3.4	−4.3	726.2	725.2	725.1	100	100	100	NE 1	NE 1	NE 1	10≡	10≡	10	.	V ≡² n-II
6	−2.2	0.1	0.8	−0.4	−1.4	725.8	726.4	726.8	100	97	100	N 0	SW 1	NW 0	10	10	9	0.5	V n-II, n ●°
7	4.3	8.8	6.8	6.6	5.5	726.1	725.5	725.1	87	70	94	SW 1	SW 2	NW 1	5	7	0	.	
8	2.4	9.3	5.8	5.8	4.6	724.6	723.8	723.8	91	62	79	NE 0	SW 1	N 0	8	2	8	.	
9	1.4	8.5	6.5	5.5	4.3	725.2	725.5	727.4	89	72	76	NE 1	SW 1	W 1	2	9	2	.	
10	0.1	9.0	4.2	4.4	3.1	730.6	731.9	732.6	98	69	80	NE 1	S 0	NE 1	3	4	0	.	
11	−0.8	7.2	3.0	3.1	1.7	733.4	732.8	732.2	96	69	86	NE 1	NE 1	NE 1	10≡	0	0	.	≡² 7½-11
12	−0.8	7.4	3.4	3.3	1.8	730.8	730.2	728.6	100	71	87	N 0	N 1	N 1	1≡	0	0	.	≡ ⌣ I
13	−2.0	4.9	6.4	3.1	1.5	727.1	724.7	722.8	96	77	71	NE 1	W 1	NW 2	3	8	10	0.4	⌣ I, ≡² 8-12, ●° 15-n
14	3.2	5.5	3.8	4.2	2.5	721.9	722.2	724.1	98	89	90	N 0	N 1	E 1	10●	10	4	0.7	●° n-14
15	−0.4	2.3	−4.1	−0.7	−2.5	725.8	725.8	725.0	82	71	58	NE 2	NE 2	NE 3	3	3	1	.	⸙ III-n
16	−7.4	−2.8	−5.0	−5.1	−6.0	721.5	721.3	721.0	53	52	**50**	E 3	E 3	NE 2	3	1	7	.	⸙ n-II
17	**−8.0**	0.0	−3.4	−3.8	−5.8	721.9	721.1	721.9	72	64	66	NE 1	E 1	NE 1	3	3	3	.	
18	−7.2	0.6	−3.6	−3.4	−5.6	721.8	719.9	719.1	84	66	74	NE 1	NE 1	NE 1	0	3	0	.	
19	−6.5	−1.8	−3.5	−3.9	−6.2	719.9	720.1	721.6	97	80	68	NE 1	NE 1	NE 1	8	7	0	.	≡° II
20	−7.4	2.4	−1.7	−2.2	−4.6	724.4	724.4	725.1	94	59	56	NE 1	SE 1	NE 1	2	3	0	.	
21	0.8	1.8	2.8	1.8	−0.7	725.3	726.8	728.3	59	89	93	W 1	W 1	W 1	10	10*	10	1.4	∗° 10-15, ●-III
22	2.3	5.7	5.3	4.4	1.8	730.2	731.6	731.7	69	62	73	NW 1	W 1	NW 2	3	10	10●	0.9	●° 17-n
23	4.6	**10.9**	4.4	6.6	3.9	733.2	733.6	**733.9**	87	65	87	W 1	NW 2	N 1	10	6	0	.	
24	3.0	4.6	3.1	3.6	0.7	732.5	730.5	729.7	98	97	100	NE 1	E 1	N 0	10	10≡	10≡	.	≡ 10-n
25	2.2	4.1	3.8	3.4	0.4	727.1	726.3	727.6	100	97	90	NE 0	NE 1	NE 1	10≡	10	10	0.2	≡ I, ≡² 8-10, ●° 13-15
26	1.7	5.7	1.7	3.0	−0.1	731.4	731.8	731.5	69	56	67	NE 2	E 3	NE 1	7	4	3	.	p ⸙
27	−3.3	6.9	5.9	3.2	0.0	729.7	726.9	723.4	81	66	64	NE 1	NW 1	N 3	0	7	3	.	⸙ 21-22
28	3.3	4.5	4.0	3.9	0.5	716.2	712.2	**707.1**	79	83	88	W 1	W 2	W 2	10	10●	10	**17.6**	● 9-n, n ● ∗
Mittel	−1.2	3.4	1.3	1.2	—	727.0	726.5	726.3	88	78	82				6.5	6.7	5.4	Summe 21.7	

Februar 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-3.1	-0.4	-3.3	-2.3	-3.1	734.5	735.6	735.7	100	90	99	SE 0	E 0	NE 0	10≡	10	10	.	≡² I, ≡°
2	-4.2	-0.4	-3.1	-2.6	-3.5	736.0	736.5	735.0	100	90	100	S 0-1	E 0	S 0	10≡	10≡	10≡	.	≡², ≡ II
3	-3.2	-0.3	-2.4	-2.0	-3.0	733.3	732.6	731.3	98	83	100	NE 0	NW 0	NE 0	10≡	10≡	10≡	.	≡², ≡ II
4	-5.7	-0.3	-4.1	-3.4	-4.4	731.6	730.6	730.2	100	95	100	W 0	N 0	N 0	10≡	10	10≡	.	≡² I, III-n
5	-5.0	-1.0	-3.0	-3.0	-4.1	728.9	728.7	727.6	99	95	100	E 0	N 0	N 0	10≡	10	10≡	.	a ≡² V, ≡² III-n
6	-3.2	2.3	0.2	-0.2	-1.6	728.3	729.2	729.4	98	75	97	SW 0	W 0	W 0	10	8	8	.	
7	-0.8	8.2	4.4	3.9	2.7	728.7	728.5	727.9	70	**30**	60	NE 0-1	N 0	E 0	3	7	0	.	
8	1.2	**9.3**	4.4	5.0	3.7	727.2	726.3	726.3	75	45	61	E 0	N 1	NE 0	10	1	0	.	
9	0.3	8.2	2.9	3.8	2.4	727.6	728.3	730.0	87	50	68	E 0	N 0	E 0	4	2	0	.	
10	0.6	8.6	1.6	3.6	2.1	733.4	734.0	735.6	73	44	72	NE 0	E 0	E 0	3	2	0	.	
11	-0.6	7.3	1.7	2.8	1.2	735.8	735.8	735.3	73	45	60	NE 0	N 0	E 0	4	0	0	.	
12	-0.4	8.2	1.4	3.1	1.5	733.1	731.9	731.4	81	45	75	W 0	W 0	E 0	2	0	0	.	
13	-1.4	7.4	4.7	3.6	1.9	729.6	726.3	725.1	83	90	77	E 0	NW 0	W 0	0	2	10●	8.2	● III-n
14	2.1	4.4	4.0	3.5	1.7	724.6	725.2	726.4	100	90	98	SW 0	SW 0	W 0	10●	10●	8	2.0	● n-II
15	1.8	0.0	-2.5	-0.2	-2.1	728.1	729.3	728.6	85	60	55	N 0	N 2	NW 0	10	6	0	.	
16	-6.0	-1.2	-4.6	-3.9	-5.9	725.2	723.9	723.4	54	42	55	E 0	N 1	NW 0	7	0	0	.	
17	**-6.3**	-1.4	-3.1	-3.6	-5.7	724.6	723.8	724.3	68	57	70	NW 0	NW 0	NE 0	3	9	6	.	
18	-3.3	0.3	-1.8	-1.6	-3.7	722.7	722.2	721.8	78	63	95	E 0	NW 0-1	NW 0	10	0	10	.	
19	-2.1	0.4	-3.2	-1.6	-3.8	722.4	722.7	724.3	80	70	90	NE 0	N 1	NW 0	10	0	0	.	
20	-5.2	3.0	-2.5	-1.6	-3.9	726.7	727.6	728.1	85	42	56	NE 0	NW 0	E 0	0	0	0	.	
21	-2.1	5.3	0.8	1.3	-1.1	727.8	729.5	731.1	57	35	98	NE 0	N 0	N 0	8	10	10✶	4.6	✶ 21-n
22	2.2	5.8	2.2	3.4	0.9	732.5	733.4	733.8	88	52	100	E 0	N 0	SW 0	10	10	10●	**14.4**	● III-n ⊠
23	2.2	5.4	3.0	3.5	0.9	735.5	**737.3**	737.2	100	95	100	SW 0	N 0	NW 0	10●	10	1	0.5	●° I
24	0.5	3.9	2.5	2.3	-0.4	735.5	732.3	732.2	100	89	100	N 0	NW 0	SE 0	10≡	10	10≡	.	≡² I, ≡ III
25	2.6	4.4	3.1	3.4	0.5	729.5	729.2	730.6	100	95	97	E 0	N 0	NW 0	10●	10●	10●	5.2	●
26	2.2	5.4	1.1	2.9	-0.1	734.6	735.7	733.9	83	51	87	NE 0	N 1	E 0	9	5	0	.	
27	-1.6	7.1	1.0	2.2	-0.9	732.2	729.7	726.3	96	81	70	NW 0	N 0	SE 0	0	0	0	.	
28	1.0	8.4	4.8	4.7	1.5	717.9	714.8	**710.0**	71	50	83	N 0	N 0	W 0	6	9	10	0.4	n (²⁸/₁) ●°
Mittel	-1.3	3.9	0.4	1.0	—	729.6	729.3	729.0	85	66	83				7.1	5.8	5.1	Summe 35.3	

Februar 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02$ m/m.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-2.2	-1.4	-1.7	-1.7	-2.2	739.7	739.5	740.5	96	96	96	SE 1	SE 1	E 0	10	10	10	.	V
2	-2.5	-1.6	-1.4	-2.0	-2.5	740.9	740.6	739.7	97	96	96	SE 1	SE 0	SE 1	10≡	10	10≡	.	V, ≡ a, III-n
3	-3.0	-2.3	-3.0	-2.6	-3.2	738.2	736.9	736.9	96	94	96	SE 0	SE 1	SE 1	10≡	10	10≡	.	V, ≡ a, III-n
4	-3.4	-1.5	-1.7	-2.3	-3.0	736.4	735.3	734.9	96	98	96	SE 1	SW 0	SE 0	10≡	10	10≡	.	V, ≡ a, III-n
5	-2.4	-1.4	-0.5	-1.5	-2.2	733.8	732.7	732.6	96	92	90	SE 0	SE 1	SE 1	10	10	10	.	V
6	-1.4	2.0	2.0	1.1	0.3	733.5	733.9	734.4	97	72	93	SE 1	NNE 1	NNE 1	10≡	9	3	.	a V ≡
7	3.1	13.0	4.6	6.6	5.7	734.2	733.4	733.0	81	45	77	W 1	SSW 1	SW 1	6	1	0	.	
8	-0.6	**13.7**	6.5	4.9	3.9	732.1	731.1	731.5	92	43	63	SW 1	SW 1	N 1	0	0	2	.	a ⌊
9	2.6	9.8	3.8	5.2	4.2	733.0	733.2	735.5	90	62	90	NNE 1	E 1	NW 1	0	8	0	.	a ⌊
10	-0.4	11.4	2.4	3.7	2.6	738.1	739.3	740.4	96	56	93	SW 0	SSW 0	NNE 0	0	0	0	.	a ⌊
11	-1.6	6.6	2.8	2.7	1.5	**741.1**	740.1	739.6	92	60	86	NNE 0	NNE 1	NNE 1	0	0	0	.	a ⌊
12	-2.0	7.0	2.9	2.7	1.4	738.6	737.6	736.0	93	46	83	NNE 0	NNE 1	NNE 1	0	0	0	.	a ⌊
13	-2.2	9.7	8.0	4.4	3.0	734.6	732.3	730.6	96	53	67	NNE 0	SSW 0	SSW 0	0	1	10●	0.2	a ⌊, ●° 19, 21, n
14	4.8	6.9	5.2	5.9	4.4	729.2	728.9	730.3	87	75	78	S 0	NNE 1	NNE 1	9	9	0	.	
15	2.2	4.8	-1.0	2.3	0.8	732.1	731.4	730.2	75	53	58	NNE 1	NNE 2	NNE 4	8	0	0	.	⸙ 14-n
16	-5.2	-2.5	-3.7	3.5	-5.2	727.6	727.5	728.4	46	68	87	NNE 3	NNE 2	NNE 1	7	0	0	.	⸙
17	-5.7	-1.2	-1.2	3.2	-4.8	729.0	728.3	728.9	93	92	72	SW 0	N 1	NNE 1	9	1	0	.	a ⌊
18	-6.6	-0.2	-2.4	2.5	-4.4	729.4	727.5	726.2	91	78	92	E 0	NNE 1	NNE 1	1	0	0	.	a ⌊
19	-5.2	0.6	-2.8	2.4	-4.3	727.4	727.5	729.0	93	84	94	SW 0	SW 0	SW 0	10	2	0	.	
20	**-7.0**	2.4	-1.0	1.6	-3.7	731.9	731.8	732.7	94	93	73	SW 0	NNE 0	SSW 0	0	0	0	.	a V
21	-3.4	7.8	4.2	1.8	-0.3	733.5	734.3	736.2	80	48	80	SSW 0	W 1	SE 1	2	10	9	0.6	●° 14½-17½
22	0.3	8.8	6.4	5.0	2.8	738.4	739.6	740.1	96	**41**	56	SSW 0	NNE 0	SSE 1	10≡	8	10	.	a ⌊° ≡
23	4.2	10.3	6.8	7.1	4.8	740.8	740.2	741.0	79	58	78	SE 0	NNE 1	E 0	9	0	0	.	
24	0.2	6.6	3.7	3.7	1.3	739.6	737.9	736.9	94	77	94	SSW 0	NNE 0	NE 1	7≡	9	0	.	a ⌊° ≡
25	2.0	4.0	4.5	3.5	1.0	734.5	733.1	733.3	100	97	77	NNW 0	NNE 1	NNE 2	10≡	10	3	.	a ≡, ⸙ III-n
26	2.8	4.4	1.5	3.4	0.8	736.5	738.5	739.2	66	62	76	NNE 4	NNE 3	SSW 1	8	3	0	.	⸙ n-II
27	-3.4	10.0	3.6	2.6	-0.2	737.3	734.5	731.3	93	48	76	SSW 0	NNE 0	E 0	0	2	0	0.5	a ⌊², n ●°
28	2.8	7.3	5.2	4.7	1.8	724.9	720.4	**715.1**	80	65	81	NNE 0	SSW 1	SSW 1	9●	9	10●	**8.7**	● I, 17-22, n ✶
Mittel	-1.2	4.8	1.9	1.7	—	734.5	733.8	733.7	89	70	82				5.9	4.7	3.4	Summe 10.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

Februar 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-4.4	-2.8	-3.1	-3.4	-2.6	731.4	731.6	732.1	100	95	100	S 0	SE 0	SE 0	10≡	10	10≡	.	≡ a, III-n, ∨, p ≡°
2	-4.6	-3.2	-3.9	-3.9	-3.2	732.8	732.5	731.8	100	100	97	SE 0	SW 0	NE 0	10≡	10	10	.	a ≡², ∨, p ≡°
3	-4.6	-3.7	-4.0	-4.1	-3.5	730.2	728.7	728.1	97	88	100	SE 0	S 0	E 0	10	10	10≡	.	≡° ∨°, ≡ 19-n
4	-5.4	-0.4	-2.9	-2.9	-2.4	728.5	727.1	726.9	100	69	92	W 0	W 0	NW 0	10≡	2	2	.	a ≡ ∨, p ≡°
5	-6.3	-3.4	-4.6	-4.8	-4.3	725.8	724.9	724.5	95	96	95	E 0	E 0	NE 0	10≡	10	10≡	.	≡ n-10, 18-n, ≡° ∨
6	-4.5	1.4	2.0	-0.4	0.0	725.1	725.3	725.8	95	60	69	SE 0	SE 0	SE 0	10≡	7	5	0.5	a ≡°-≡ ∨
7	4.9	9.8	6.8	7.2	7.5	725.2	724.3	724.4	62	49	55	E 0	SW 2	SW 0	8	8	0	.	●° 0-1, ⸙
8	1.8	11.0	6.6	6.5	6.7	723.7	722.8	723.0	77	**41**	55	E 0	NW 0	W 0	2	3	9	.	
9	1.4	11.4	3.4	5.4	5.5	723.9	724.3	726.9	81	49	95	E 0	W 1	SW 0	2	8	0	.	⌣ I
10	1.4	11.2	4.3	5.6	5.6	729.6	730.8	731.8	88	44	70	E 1	W 1	SE 0	2	5	0	.	
11	0.7	12.0	4.0	5.6	5.5	732.1	732.1	731.2	90	58	78	SE 1	W 1	E 0	1	1	0	.	⌣ I
12	0.8	**12.3**	3.8	5.6	5.4	730.1	729.2	728.0	90	47	86	E 0	S 0	NW 0	1	1	0	.	a ⌣
13	-1.4	10.8	4.6	4.7	4.4	726.5	723.9	722.3	100	46	95	NE 0	W 1	W 1	6	4	10●	6.2	⌣ I, ● 17-n
14	2.7	4.4	3.8	3.6	3.2	721.5	722.1	724.0	100	87	85	S 0	S 0	NE 1	10●	10	9	3.1	●° ≡° n-11½, ● 17-18
15	-2.1	-0.3	-4.8	-2.4	-2.9	726.1	727.0	727.0	77	50	52	NE 1	E 1	NE 2	4	9	0	.	a ⌣, ✳° 11½-13, 16-18, *)
16	-8.0	-2.1	-5.8	-5.3	-5.9	723.2	721.3	720.6	56	46	58	NE 2	NE 2	N 1	1	0	0	.	⸙
17	**-9.0**	-2.1	-4.4	-5.2	-5.9	721.5	721.3	721.6	53	55	70	E 1	E 1	NE 1	3	9	1	.	
18	-7.2	-1.9	-6.2	-5.1	-6.0	721.6	720.2	719.2	89	67	88	NE 0	NE 0	NW 0	10	7	0	.	a ⌣
19	-5.6	-3.1	-5.2	-4.6	-5.6	719.4	720.0	721.1	91	84	93	NW 0	E 1	NE 0	10	10	0	.	≡° I, a ⌣
20	-6.6	4.3	-1.4	-1.2	-2.3	723.6	724.0	724.3	100	58	70	E 0	SW 0	E 1	10≡	2	0	.	≡² ∨ n-10½, ≡°-II
21	-0.2	3.6	2.0	1.8	0.6	724.2	725.4	727.6	64	73	95	SW 0	SW 1	W 1	10	10	10	1.2	p ⸙, ✳° 12-12½, *)
22	-0.6	5.4	3.4	2.7	1.3	729.3	730.0	729.9	100	54	74	W 0	W 1	W 3	2	10	10●	1.2	⌣° I, p n ⸙, ● 19-n
23	5.6	9.7	5.8	7.0	5.5	731.2	732.7	**733.8**	89	69	93	W 2	W 1	NW 0	10	10	8	0.1	●° a-9, ⸙
24	2.4	5.0	3.6	3.7	2.0	732.6	729.7	728.8	100	92	95	E 0	E 0	S 0	10≡	10	7	0.1	a ≡², ≡° II
25	3.3	4.0	2.9	3.4	1.6	726.6	725.8	727.7	95	95	96	W 0	S 0	S 0	10	10●	10	5.3	a ≡°-≡, ●° 7-15, ●-22½
26	0.4	5.5	0.2	2.0	0.1	732.5	732.1	730.8	73	50	74	NE 1	NE 2	NE 0	7	2	0	.	p ⸙
27	-1.6	6.4	3.9	2.9	0.8	728.8	726.4	722.9	89	43	73	E 1	NW 0	NW 0	0	8	10	0.1	a ⌣²
28	5.4	6.8	3.6	5.3	3.1	714.9	711.1	**707.4**	57	60	90	SW 2	SW 1	SW 0	8	10	10●	**15.2**	●° 6½-7½, ⸙, ● 18-24, *)
																			*) **15.** ⸙ III-n
																		Summe	*) **21.** ●°-16, ● 17-20½
Mittel	-1.5	4.0	0.7	1.1	—	726.5	726.0	725.8	86	65	82				6.7	7.0	5.0	33.0	*) **28.** ✳-n

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

Februar 1918.
Beobachter: *Hospenthal.*

1	-1.0	1.0	-2.4	-0.8	3.7	622.3	622.5	622.9	39	35	43	S 0	S 0	S 0	0	0	0	.	⊠
2	-2.6	1.3	1.6	0.1	4.6	623.3	623.2	622.9	41	36	**20**	W 0	S 1	S 0	0	0	0	.	⊠
3	0.0	1.8	-0.4	0.5	5.0	621.3	620.6	620.4	**20**	26	22	S 0	S 1	S 0	0	0	0	.	⊠
4	-3.6	1.4	-2.4	-1.5	2.9	619.9	619.3	619.2	37	35	40	W 0	E 0	E 0	0	0	0	.	⊠
5	-1.8	2.2	-0.6	-0.1	4.3	617.7	617.3	617.3	21	22	28	E 0	SW 0	SW 0	0	0	0	.	⊠
6	0.8	2.0	-0.4	0.8	5.2	618.0	618.1	618.8	28	30	41	W 0	S 0	W 1	7	10	10	.	⊠
7	-1.4	1.0	0.8	0.1	4.5	618.3	617.9	618.3	75	61	45	W 2	W 2	W 1	5	8	7	.	⊠
8	1.2	2.6	1.4	1.7	6.1	617.6	617.3	617.5	28	54	58	W 2	W 2	W 1	7	3	3	.	⊠
9	-0.6	1.6	-1.6	-0.2	4.2	617.5	618.2	617.8	54	55	100	W 2	W 1	W 1	5	7	1	0.1	✳° 15 ⊠
10	-2.6	1.6	1.0	0.0	4.3	622.0	622.9	624.2	100	82	40	W 0	W 1	W 2	5	2	1	.	≡° n-10 ⊠
11	1.6	**2.8**	-1.0	1.1	5.4	624.1	624.4	624.1	25	33	100	W 3	W 1	W 2	3	0	0	.	⸙ I ⊠
12	1.4	1.2	1.4	1.3	5.6	622.4	621.2	621.4	26	65	45	W 1	W 0	W 1	3	0	0	.	⊠
13	-1.0	-1.2	-3.2	-1.8	2.4	618.9	617.2	615.5	45	77	100	W 2	W 2	W 2	0	3	10*	**21.6**	✳ 19-n ⊠
14	-3.8	-1.6	-4.0	-3.1	1.1	613.9	614.1	616.9	100	100	99	W 2	W 0	W 1-2	10*	10≡	10	5.6	a ≡° ✳, ≡ II ⊠
15	-8.2	-10.2	-13.2	-10.5	-6.3	616.5	615.1	614.5	95	95	95	E 0	NE 1	NE 2	10≡	10≡	0	0.6	≡ n-II, ✳° 14-p ⊠
16	**-17.2**	-13.0	-12.0	-14.1	-10.0	610.0	609.5	609.7	92	93	95	E 2	SE 1	E 1	0	0	2	.	⊠
17	-10.8	-4.6	-6.4	-7.3	-3.2	610.3	610.2	610.9	48	44	51	W 0	W 0	E 0	5	7	2	.	⊠
18	-6.8	-4.8	-8.0	-6.5	-2.4	611.3	610.7	610.7	53	44	80	NW 0	E 0	NW 0	0	0	0	.	≡° II ⊠
19	-7.0	-4.4	-8.0	-6.5	-2.5	609.9	610.6	611.9	63	62	40	NW 0	NW 0	NW 0	1	0	0	.	⊠
20	-8.6	-5.8	-5.6	-6.7	-2.7	613.8	614.7	615.9	25	28	41	W 1	W 0	W 1	0	0	0	.	⊠
21	-4.2	-4.8	-4.6	-4.5	-0.5	615.5	616.4	613.0	35	95	100	W 3	NW 4	W 4	10	10*	10*	15.5	a ⸙, ✳ ⸙ 10-n, ≡° ✢ III ⊠
22	-7.2	-5.2	-2.8	-5.1	-1.2	619.6	620.7	621.2	100	100	100	W 3	W 3	W 5	10	10	10*	20.2	⸙, p ≡°, ✢ ✳² ⸙ III-n ⊠
23	-1.4	0.8	-1.4	-0.7	3.2	623.3	624.6	**625.9**	100	100	100	SW 4	W 2	W 0	10≡	10≡	0	.	⸙ I, ≡ n-II ⊠
24	0.0	2.4	-1.0	0.5	4.4	624.1	622.6	621.3	64	55	100	W 0	W 0	W 1	0	0	10	.	≡° 19-n ⊠
25	-2.6	-4.2	-4.6	-3.8	0.0	618.8	617.4	618.5	100	97	97	W 0	NW 1	NW 2	10	10*	10≡	12.1	≡°, ✳ 11-p, ≡ III ⊠
26	-7.2	-4.8	-3.8	-5.3	-1.5	621.0	621.6	622.1	97	97	50	E 2	SE 1	SE 0	10	3	0	.	⊠
27	-2.8	-2.0	-3.6	-2.8	0.9	620.8	618.6	616.1	**20**	55	90	W 2	W 2	W 2	0	0	10	.	⊠
28	-3.2	-2.0	-3.2	-2.8	0.9	608.7	606.7	**602.6**	63	72	71	W 2	W 2	W 2	7	10*≡	10	4.7	≡ 9-p, ✳ 12½-p ⊠
																		Summe	
Mittel	-3.6	-1.6	-3.1	-2.8	—	617.9	617.6	617.5	57	62	68				4.2	4.0	3.8	80.4	

Februar 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$, $H_b = 1712.6^m$, $G = -0.12$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-15.0	-3.6	-11.8	-10.1	-1.3	629.8	629.5	630.8	72	56	65	W 0	S 0	— 0	0	0	0	.	
2	-16.4	-4.0	-11.6	-10.7	-2.0	631.0	630.6	630.7	71	54	63	S 0	SE 0	— 0	0	0	0	.	
3	-16.0	-3.8	-11.0	-10.3	-1.7	629.4	627.7	627.6	70	68	64	SE 0	S 0	— 0	0	0	0	.	
4	-16.0	-5.6	-13.3	-11.6	-3.1	626.8	625.1	626.0	72	61	62	S 0	S 0	W 1	0	0	0	.	
5	-17.4	-3.2	-11.5	-10.7	-2.3	625.1	623.9	624.8	70	54	62	S 0	S 0	W 1	0	0	0	.	
6	-16.8	-3.4	-6.6	-8.9	-0.6	625.2	624.8	625.0	70	48	64	W 0	S 0	W 1	1	10	8	.	
7	-13.0	0.2	-4.6	-5.8	2.4	624.6	623.6	624.2	70	52	67	N 0	E 0	— 0	0	6	0	.	
8	-10.0	2.6	-4.8	-4.1	4.0	623.9	623.1	623.7	85	70	85	S 0	SE 1	— 0	6	0	0	.	
9	-9.0	3.6	-7.0	-4.1	3.9	623.4	624.1	626.7	92	63	80	SW 0	N 0	— 0	1	7	0	.	✳° II
10	-12.4	1.0	-8.2	-6.5	1.4	629.2	629.1	**631.1**	81	55	64	E 1	W 1	— 0	7	0	0	.	
11	-11.8	0.6	-8.4	-6.5	1.3	630.7	629.6	629.9	70	54	62	W 0	W 1	— 0	4	1	0	.	
12	-11.0	1.6	-7.4	-5.6	2.1	628.8	627.5	627.4	75	54	64	N 0	N 0	— 0	1	5	0	.	
13	-12.8	-0.6	-3.2	-5.5	2.1	624.9	622.5	620.5	74	58	64	W 0	W 0	— 0	0	0	1	.	
14	-7.1	1.4	-4.6	-3.4	4.1	619.5	618.9	620.2	78	51	80	S 1	W 1	N 1	9	9	10	0.5	p ✳°
15	-6.7	-6.0	-14.0	-8.9	-1.5	619.7	618.6	619.4	48	43	56	NE 3	N 2	N 3	3	2	0	.	⸗
16	-21.0	-11.0	-16.6	-16.2	-8.9	616.5	616.0	617.1	69	60	66	W 1	N 2	N 1	0	6	2	.	
17	**-21.4**	-6.2	-11.1	-12.9	-5.8	616.0	616.0	617.8	76	56	65	W 0	NE 3	N 1	7	10	0	.	⸗ II
18	-16.6	-3.0	-12.3	-10.6	-3.6	617.8	615.7	616.2	78	64	76	S 0	S 0	W 1	0	1	0	.	
19	-18.2	-3.0	-12.0	-11.1	-4.2	615.3	615.3	617.7	82	44	57	E 0	W 3	NE 1	1	1	0	.	
20	-19.0	-3.6	-15.4	-12.7	-5.9	619.9	620.2	622.4	74	37	57	W 0	W 2	— 0	0	0	0	.	
21	-14.8	1.2	-3.0	-5.5	1.2	621.9	622.9	623.4	66	40	65	SE 0	W 1	W 3	3	8	10	.	⸗ III
22	-4.0	-0.4	-6.0	-3.5	3.1	624.6	625.7	626.2	69	52	94	N 1	W 1	— 0	4	8	10✳	**10.0**	✳ 18–n
23	2.0	**6.6**	1.4	3.3	9.7	627.4	628.5	630.4	73	48	80	SW 3	W 3	NE 1	10	9	10	1.3	✳ ● 8, ⸗ n–II
24	-6.0	3.2	-5.0	-2.6	3.7	630.3	628.6	627.0	86	61	61	E 0	E 0	N 1	1	0	0	.	
25	-10.8	3.4	-2.0	-3.1	3.1	624.1	621.8	622.2	74	51	65	S 0	W 2	W 3	0	8	6	.	p ⸗
26	-8.4	-1.0	-8.3	-5.9	0.2	626.8	627.6	628.4	81	56	62	N 0	NE 3	W 1	7	0	0	.	⸗ II
27	-13.4	3.0	-8.2	-6.2	-0.2	625.6	623.2	621.1	75	**34**	64	SE 0	W 3	W 1	0	0	0	.	⸗ II
28	-11.6	0.2	-3.0	-4.8	1.1	616.1	612.4	**610.0**	70	65	84	W 1	S 3	W 2	10	8	9	2.0	⸗ II, n ✳
Mittel	-12.7	-1.0	-8.2	-7.3	—	624.1	623.3	623.8	67	63	66				2.7	3.5	2.4	Summe 13.8	

Februar 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$, $H_b = 540^m$, $G = 0.00$ m/m.

1	-3.0	4.8	-1.9	0.0	-0.1	727.5	726.3	727.8	77	45	97	SE 0	SE 0	S 0	1	0	0	.	⊔ I
2	-3.1	4.6	0.7	0.7	0.5	728.7	727.2	727.7	72	41	87	SE 0	SW 0	SE 0	0	0	0	.	⊔ I
3	-1.9	6.0	-1.0	1.0	0.7	726.1	723.8	724.3	59	28	90	E 0	E 0	E 0	0	0	0	.	⊔ I
4	-3.6	5.7	-1.2	0.3	-0.1	724.5	722.4	723.0	60	30	90	E 0	E 0–1	E 0	0	0	0	.	⊔ I
5	-2.8	5.0	0.2	0.8	0.3	721.9	720.4	721.0	53	38	53	E 0–1	SE 0	E 0	0	0	0	.	⊔ I
6	1.6	6.4	2.6	3.5	2.9	721.1	720.8	722.6	46	44	68	E 0–1	SW0–1	SE 0–1	8	9	7≡	.	≡ III
7	-0.8	7.0	5.2	3.8	3.1	722.8	721.9	721.1	78	36	47	NE0–1	NE 0	E 0	0	3	0	.	
8	1.1	4.8	5.2	3.7	2.9	720.9	718.9	720.0	65	40	49	NE 0	S 0–1	E 0	8	0	0	.	
9	1.7	8.2	5.4	5.1	4.2	721.2	720.6	723.6	73	45	57	NE0–1	SW0–1	NE0–1	9	2	0	.	
10	0.4	8.8	4.8	4.7	3.7	726.6	726.8	728.6	81	43	55	SE 0	SW 1	E 0–1	1	0	0	.	
11	0.2	7.6	4.2	4.0	2.9	**729.3**	727.8	727.9	72	43	48	NW 0	S 0	NE 0	1	1	0	.	
12	-0.6	8.6	4.4	4.1	2.8	726.8	724.6	724.7	66	39	51	NE 0	SW 1	SW 0	0	0	0	.	
13	-0.4	7.2	6.0	4.3	2.9	721.7	721.0	718.2	70	41	55	NE0–1	SW 0	SW0–1	0	0	9	.	⊔ I
14	4.2	9.4	3.4	5.7	4.2	717.0	716.3	717.5	96	55	84	NE 0	SE 1	NE 1	8	5	0	.	p ⸗
15	1.4	7.2	-0.8	2.6	1.0	718.4	717.3	716.6	78	42	55	S 0–1	SW1–2	SW2–3	1	0	0	.	⸗ 16–III
16	-5.6	0.8	-3.8	-2.9	-4.6	714.5	713.9	715.5	75	**19**	54	W 0–1	NE 4	SW0–1	0	0	0	.	⊔ I, ⸗ II
17	**-6.6**	1.3	-1.6	-2.3	-4.2	714.6	713.9	716.4	65	33	57	NE0–1	S 0–1	N 1	1	1	2	.	⊔ I
18	-6.3	2.7	-1.6	-1.7	-3.7	716.0	712.7	714.9	84	49	64	NE 0–1	SW 1	NE0–1	0	0	0	.	⊔ I
19	-5.4	2.3	-1.0	-1.4	-3.5	713.1	713.7	715.4	89	54	73	NE0–1	S 1	NE0–1	0	0	0	.	⊔ I
20	-5.0	4.8	0.9	0.2	-2.1	718.3	717.8	719.8	97	49	45	NE 1	S 1	N 1–2	0	0	0	.	⊔ I
21	-2.2	6.0	3.2	2.3	-0.1	720.2	720.4	720.5	56	32	59	NE0–1	S 0–1	SE 0–1	1	10	10	.	
22	0.9	8.2	4.6	4.6	2.0	724.2	724.6	727.7	99	43	57	S 0–1	SW1–2	SW0–1	5	10	10	.	●° 21
23	3.8	**13.1**	6.2	7.7	5.0	727.6	726.9	727.3	83	43	87	NE0–1	S 0–1	E 0	8	5	0	.	
24	3.0	11.8	3.8	6.2	3.3	728.1	724.1	724.5	92	41	92	NE0–1	SW0–1	E 0–1	1	0	0	.	⊔ I, ⸗ 17
25	2.8	5.6	3.6	4.0	1.0	721.5	721.3	720.0	98	80	73	S 0–1	SW 0	E 0	10	10	3	.	
26	0.0	8.4	2.0	3.5	0.4	723.7	724.2	726.4	95	46	69	NE0–1	SW 1	W 0	1	0	0	.	⊔ I, ⸗ 15
27	-1.4	7.8	-1.6	1.6	-1.7	724.8	721.6	719.1	93	45	46	E 0	SW 1	E 0	0	0	0	.	⊔ I, ⸗ 19
28	-0.6	7.6	0.0	2.3	-1.1	713.2	707.9	**703.7**	75	35	79	S 0–1	SW0–1	SW0–1	2	9	10●	**2.1**	● 16½–n
Mittel	-1.0	6.5	1.8	2.4	—	721.9	720.7	721.3	77	42	66				2.4	2.3	1.8	Summe 2.1	

$\lambda = 8^\circ\ 57'$, $\beta = 46^\circ\ 0'$,
$Hb = 276.2^m$, $G = 0.03\ ^m/_m$.

Lugano.

Februar 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−0.8	6.6	2.2	2.7	0.7	752.0	750.9	751.8	85	45	70	N 0	S 0	N 0	0	0	0	.	⊔ I
2	−0.4	7.6	2.6	3.3	1.2	**752.1**	751.3	751.6	75	40	60	N 0	S 0	N 0	0	0	0	.	⊔ I
3	−1.2	7.0	1.2	2.3	0.2	750.7	748.1	748.4	65	45	62	N 0	S 0	N 0	0	0	0	.	⊔ I
4	−1.2	7.4	0.8	2.3	0.1	747.2	745.4	745.9	62	48	78	N 0	S 0	N 0	0	0	0	.	⊔ I
5	−1.6	7.4	2.0	2.6	0.3	745.8	744.5	745.7	68	42	55	N 0	S 0	N 0	0	0	0	.	⊔ I
6	−0.2	6.4	2.4	2.9	0.5	746.6	746.4	746.1	62	45	58	N 0	SW 0	N 0	4	10	8	.	
7	−1.4	7.2	1.6	2.5	0.0	746.2	744.9	744.3	78	42	62	N 0	SW 0	N 0	0	0	0	.	
8	−0.6	8.4	4.6	4.1	1.5	744.6	743.8	744.2	70	42	85	N 0	SW 0	N 0	0	0	10	.	
9	4.4	9.8	3.6	5.9	3.2	744.2	744.0	746.7	85	50	85	N 0	SW 0	N 0	10	0	0	.	
10	1.0	8.0	3.8	4.3	1.5	750.1	749.5	751.0	90	62	70	N 0	SW 0	N 0	0	0	0	.	⊔ I
11	0.8	9.2	3.0	4.3	1.4	750.8	749.0	748.9	80	40	65	N 0	SW 0	N 0	0	0	0	.	⊔ I
12	−0.6	8.0	4.0	3.8	0.8	747.9	746.2	746.7	80	52	70	N 0	SW 0	N 0	0	0	0	.	⊔ I
13	−1.0	7.6	5.4	4.0	0.9	744.9	743.6	742.2	90	55	88	N 0	SW 0	N 0	0	0	10	.	⊔ I
14	3.2	4.4	0.6	2.7	−0.5	740.2	739.2	739.4	95	82	88	N 0	NW 0	N 0	10	10	0	.	≡° II
15	8.2	9.4	−0.2	5.8	2.5	739.5	738.8	743.0	15	**14**	22	NE 1	NE 2	NE 1	0	0	0	.	⸙ a−17½
16	−4.0	4.3	−2.0	−0.6	−4.0	742.2	740.2	741.4	60	35	50	NW 0	S 0	N 0	0	0	0	.	
17	**−5.0**	3.8	0.8	−0.1	−3.6	739.6	738.7	740.8	68	35	52	N 0	SE 0	N 0	0	0	0	.	
18	−2.4	4.8	−0.4	0.7	−2.9	741.1	739.7	738.8	66	45	60	N 0	S 0	N 0	0	0	0	.	
19	−3.6	5.0	0.6	0.7	−3.0	738.5	738.1	740.5	75	50	65	N 0	S 0	N 0	0	0	0	.	
20	−3.6	7.4	0.6	1.5	−2.4	742.1	741.3	743.7	80	42	65	N 0	S 0	N 0	0	0	0	.	
21	−2.0	6.6	2.6	2.4	−1.6	745.1	743.5	744.1	80	45	80	N 0	SW 0	N 0	0	6	9	.	
22	−1.0	14.8	4.0	5.9	1.8	745.0	744.7	745.0	72	20	60	N 0	NE 1	NE 0	0	0	0	.	n (²²/₂₃) ⸙
23	15.2	**22.0**	18.2	18.5	14.3	743.8	743.3	746.0	25	18	20	NE 2	NE 2	NE 2	0	0	0	.	⸙ n−24
24	9.4	17.2	10.0	12.2	7.9	746.9	745.0	745.1	40	30	45	NE 0	S 0	N 0	0	0	0	.	
25	2.8	14.6	13.0	10.1	5.6	742.2	739.9	739.9	85	40	25	N 0	S 0	NE 2	0	0	10	.	⸙ 19−23½
26	7.2	14.8	6.6	9.5	4.9	745.9	748.2	749.4	35	32	50	SE 0	S 0	N 0	0	0	0	.	
27	1.0	13.6	6.0	6.9	2.2	745.6	742.6	740.7	80	35	58	N 0	SE 0	N 0	0	0	0	.	
28	3.6	5.2	3.8	4.2	−0.6	736.8	734.1	**731.1**	90	90	90	N 0	N 0	N 0	10	10	10●	**11.0**	a ●°, p n ●
Mittel	0.9	8.9	3.6	4.5	—	744.9	743.7	744.4	70	44	62				1.2	1.3	2.0	Summe 11.0	

$\lambda = 7^\circ\ 35'$, $\beta = 47^\circ\ 33'$,
$Hb = 277.2^m$, $G = 0.13\ ^m/_m$.

Basel.

Februar 1918.
Bernoullianum.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−2.4	3.0	−2.8	−0.7	−1.2	750.5	750.1	751.0	85	69	96	E 1	E 1	NE 1	10	3	0	.	⊔ I
2	−2.8	2.8	−3.0	−1.0	−1.6	751.6	751.1	750.7	86	66	98	E 1	SE 1	NW 0	4	3	0≡	.	⊔ ≡° I, ≡ 19−n
3	−3.8	2.0	−2.7	−1.5	−2.2	748.9	746.8	746.8	87	64	94	SE 1	E 1	E 1	2	0	0	.	⊔ I, ≡ 18−20½
4	−2.8	3.8	0.2	0.4	−0.4	746.8	745.4	745.7	84	65	89	E 1	E 1	E 1	6	2	0	.	⊔ I
5	−3.0	2.8	−1.0	−0.4	−1.3	744.4	742.9	742.9	93	66	80	E 1	S 1	E 1	4	2	0	.	⊔ ≡° I
6	−1.0	3.6	3.0	1.9	1.0	743.3	743.7	744.8	78	64	80	SE 1	SE 1	SE 0	8	9	10	.	●° 18½−19
7	2.7	10.8	5.2	6.2	5.2	744.1	743.3	743.3	89	61	88	S 1	NW 1	SE 0	9	10	2	.	
8	4.8	**12.2**	7.8	8.3	7.2	742.2	741.1	741.6	78	53	75	SE 1	NE 1	SE 0	9	7	10	.	
9	1.0	9.4	3.4	4.6	3.4	743.1	743.9	746.2	89	74	90	E 1	NW 1	E 1	3	10	0	.	
10	0.6	11.4	4.8	5.6	4.3	748.6	749.9	751.1	96	57	81	SE 1	W 1	SE 1	5	5	0	.	
11	1.8	7.6	6.2	5.2	3.8	751.4	750.9	750.4	93	72	82	SE 1	SE 1	E 1	10	4	4	.	
12	2.2	11.0	4.6	5.9	4.4	749.1	748.1	747.1	89	63	87	SE 1	W 1	SE 1	4	5	0	.	
13	1.0	9.4	6.0	5.5	3.8	744.9	742.5	741.5	89	69	88	SE 1	N 1	W 1	4	9	10	3.5	⊔ I, ● 15−19½, 23−n
14	4.8	6.4	5.2	5.5	3.7	740.3	741.1	743.5	97	91	97	S 0	W 0	NW 1	10●	10	10	2.5	● n−11, ●° 17−18½
15	−1.0	0.8	−2.2	−0.8	−2.7	746.3	746.7	746.7	92	72	47	NW 1	NW 1	NE 2	10	9	0	.	✳° 12
16	−5.4	−1.6	−3.4	−3.5	−5.5	743.0	741.2	740.9	47	**40**	52	NE 2	SE 2	E 2	2	2	0	.	
17	**−7.0**	−0.6	−2.8	−3.5	−5.6	741.4	741.0	741.6	80	54	75	SE 1	E 1	N 1	4	6	0	.	⊔ I
18	−6.2	0.3	−3.6	−3.2	−5.4	741.0	739.3	738.8	88	60	75	E 0	E 1	SE 1	2	0	0	.	⊔ I
19	−5.8	1.4	−1.6	−2.0	−4.3	738.9	739.0	740.4	95	52	76	SE 1	N 0	SE 0	4	3	0	.	⊔ I
20	−6.2	3.6	−0.2	−0.9	−3.3	743.1	743.0	743.4	90	53	67	SE 1	SE 1	SE 1	4	3	0	.	⊔ ≡° I
21	−1.2	2.4	2.6	1.3	−1.3	743.5	744.5	747.1	76	92	93	SE 1	E 1	SW 1	10	10	5	1.8	a ∽, ← 8, △ 8½−9, *)
22	0.0	6.4	7.2	4.5	1.8	749.0	749.2	749.1	93	62	71	SE 1	SW 1	SW 1	7	10	10	0.1	●° 16½−17½
23	7.8	9.6	7.0	8.1	5.3	750.6	752.0	**753.4**	83	79	93	SW 1	W 2	E 1	10	10	4	.	
24	4.4	10.8	8.5	7.9	5.0	751.4	748.8	747.7	100	71	81	E 0	SE 0	SW 1	10	5	10	0.6	
25	5.8	7.4	3.2	5.5	2.5	745.7	744.9	748.1	94	83	87	S 0	SW 0	N 2	10●	10	10	0.6	●° 4−15, 20½−21
26	0.0	6.2	1.0	2.4	−0.7	752.7	751.7	750.7	85	53	85	W 1	NW 0	S 0	2	7	0	.	⊔ I
27	−2.0	6.2	4.0	2.7	−0.5	748.3	745.9	742.1	88	62	97	E 1	NE 1	S 1	7	7	8	0.1	⊔ I, ●° 19½−20
28	6.4	7.4	7.0	6.9	3.5	733.2	729.0	**724.5**	71	72	69	SW 1	SW 1	S 1	10	10●	10	**6.5**	● 9−19, 22−1
Mittel	−0.3	5.6	2.3	2.5	—	745.6	744.9	745.0	86	66	82				6.4	6.1	3.7	Summe 15.7	*) 21. ●8−10, 13−19

Februar 1918.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-4.3	-2.8	-4.3	-3.8	5.3	569.4	570.0	570.2	36	37	26	ENE 1	NE 0	SW 1	1	0	1	.	
2	-5.7	-2.4	-3.8	-4.0	5.1	570.2	570.5	570.4	30	31	27	E 0	SW 1	SW 1	0	0	0	.	
3	-4.4	-3.2	-5.2	-4.3	4.7	568.7	567.9	567.6	26	35	27	SSE 0	SSE 2	WSW2	0	0	0	.	
4	-7.0	-4.8	-6.0	-5.9	3.1	566.9	566.4	566.2	35	30	28	E 0	NNE 1	SSE 1	1	0	0	.	
5	-5.0	-2.3	-4.5	-3.9	5.1	565.1	565.0	565.0	26	25	24	SSE 1	SSE 1	SSW 2	0	0	0	.	
6	-5.2	-2.6	-5.6	-4.5	4.5	565.2	565.5	566.0	32	33	36	SW 2	SW 1	WSW3	7	9	9	.	
7	-6.8	-5.3	-5.2	-5.8	3.2	564.2	564.1	564.9	68	48	31	WSW4	WSW4	WSW5	10≡	9	10	.	≡ n-9, a ⸙, p ⸙
8	-3.9	**-1.4**	-3.7	-3.0	6.0	564.7	565.2	565.1	30	42	61	WSW4	SW 3	WSW3	7	7	6	.	a ⸙, ≡ 18-19½
9	-5.6	-4.1	-5.4	-5.0	4.0	564.5	565.2	567.2	50	45	58	WSW3	WSW4	WSW4	8	7	1	.	⸙
10	-3.0	-2.3	-3.5	-2.9	6.1	568.9	570.3	571.5	24	31	**20**	SW 3	WSW3	WSW3	3	4	1	.	⸙ 10½
11	-3.5	-3.1	-5.3	-4.0	4.9	570.9	571.3	570.2	21	43	58	WSW4	WSW4	WSW4	6	1	3	.	⸙
12	-5.1	-2.7	-5.3	-4.4	4.5	569.5	569.1	567.9	31	35	39	WSW2	SW 3	WSW4	2	1	1	.	⸙ III-n
13	-6.6	-6.4	-7.3	-6.8	2.1	565.5	564.0	561.6	40	48	95	WSW4	WSW4	WSW4	1	2	10≡*	16.2	⸙, ≡ 18-n, * ⸸ 19½-n
14	-8.6	-6.7	-9.5	-8.3	0.6	560.5	560.9	562.1	98	100	100	W 1	W 0	NNW 1	10≡*	10≡	10≡*	4.0	* n-9, 15½-n, ≡
15	-13.7	-17.7	**-21.9**	-17.8	-8.9	561.2	559.7	558.8	27	94	89	NNW3	NE 0	ENE 3	0	10≡	1	2.6	a ⸸, ⸙ 10½, *)
16	-19.6	-18.7	-14.6	-17.6	-8.7	555.7	555.2	556.0	70	70	72	ENE 2	ENE 0	ENE 1	1	1	2	.	
17	-10.8	-11.2	-8.1	-10.0	-1.1	556.7	557.0	558.7	57	82	78	ENE 2	NE 1	ENE 1	8	7	3	.	
18	-6.3	-6.8	-8.3	-7.1	1.7	558.4	557.8	557.0	70	71	58	NE 2	ENE 1	NNE 2	1	0	0	.	
19	-12.5	-11.7	-13.1	-12.4	-3.6	556.5	556.9	558.0	57	49	56	NNE 1	N 0	W 1	1	1	1	.	
20	-15.3	-11.9	-11.5	-12.9	-4.1	559.6	560.6	562.1	78	64	58	SW 2	WSW2	WSW3	0	1	0	.	
21	-10.4	-8.1	-9.9	-9.5	-0.7	561.5	562.6	564.1	63	100	100	WSW5	WSW4	WSW2	9	10≡*	10≡*	24.0	⸙ n-II, ≡ *² 9-n, ⸸
22	-12.1	-11.1	-8.0	-10.4	-1.7	564.3	565.0	565.7	100	98	100	WSW3	WSW4	WSW3	10=*	10≡*	10≡*	23.3	⸙ ≡ *² ⸸² \/
23	-6.3	-4.7	-5.2	-5.4	3.3	568.3	570.8	**572.2**	100	100	100	WSW4	WSW2	WSW1	10≡*	10≡*	10≡*	**24.1**	⸙ n-I, a ⸸², *)
24	-3.8	-1.6	-3.4	-2.9	5.8	571.5	570.8	568.3	60	55	85	W 1	WSW0	WSW4	1	3	0	.	⸙ III [≡ *² \/², p ⸸
25	-6.8	-5.4	-9.2	-7.1	1.5	565.3	563.9	565.0	100	88	100	WSW1	SW 0	NNW0	10≡	10≡*	10≡*	7.0	≡ \/, * 9½-n
26	-12.2	-7.6	-3.7	-7.8	0.8	567.0	568.5	569.0	98	65	48	NE 1	NE 3	ENE 1	7	2	1	.	⸸ 9-p
27	-7.8	-7.8	-8.2	-7.9	0.7	566.0	564.5	561.3	70	81	100	WSW3	WSW4	WSW3	1	3	10=	3.4	⸸ ⸙ n-20, * 15½-19, *)
28	-8.5	-6.2	-8.3	-7.7	0.8	555.7	553.2	**549.9**	95	83	85	WSW3	SSW 2	SSW 3	8	10	8	.	⸙ 10½, ⸸ a, 20-n
																		Summe	*) **15.** ≡ 12-20½, * 15-20
Mittel	-7.9	-6.4	-7.4	-7.2	—	564.3	564.4	564.4	57	60	63				4.4	4.6	4.2	104.6	*) **27.** ≡ 15-n

Februar 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	-5.6	-0.4	-4.4	-3.5	4.2	597.6	599.2	599.8	43	38	40	SE 1-2	SE 1	SE 1	0	0	0	.	
2	-4.3	-0.1	-3.2	-2.5	5.2	600.4	599.7	600.4	35	37	38	SE 1	SE 1	SE 1	0	0	0	.	
3	-4.4	-0.5	-3.1	-2.7	5.0	599.4	597.0	597.7	35	38	48	SE 1-2	SE 1	SE 1	0	0	0	.	
4	-5.6	-3.4	-6.4	-5.1	2.5	596.1	595.9	595.2	38	31	32	N 2	N 0-1	N 0-1	0	0	0	.	
5	-6.4	0.4	-4.3	-3.4	4.2	594.5	594.1	594.6	34	32	34	NE 0	S 1	S 0-1	0	0	0	.	
6	-4.0	1.0	-3.2	-2.1	5.5	594.5	595.7	595.1	30	28	31	S 0	S 0-1	S 0	5	7	4	.	
7	-5.3	-1.2	-0.8	-2.4	5.2	594.5	594.6	594.6	42	40	38	N 1	N 0	N 1	0	5	0	.	
8	-1.8	**4.5**	-2.7	0.0	7.5	593.9	594.1	594.2	46	42	57	N 0	SE 0-1	N 1	0	0	0	.	
9	-4.2	-0.3	-4.4	-3.0	4.5	593.6	594.4	596.5	60	53	58	N 1	N 1	N 1	1	3	0	.	
10	-3.3	-2.5	-1.2	-2.3	5.2	598.5	599.6	**600.9**	38	35	29	E 2	S 1	N 1	2	0	0	.	
11	-0.8	0.3	-2.6	-1.0	6.4	600.5	600.4	600.1	25	27	36	N 2	N 2-3	N 1-2	0	0	0	.	⸙ II
12	-3.1	0.3	-1.3	-1.4	6.0	598.3	598.0	597.5	43	34	36	N 1-2	N 2	N 1	0	1	0	.	
13	-4.4	-0.7	-4.7	-3.3	4.1	594.8	593.1	591.2	32	33	67	N 1	N 0	N 0	0	0	5	1.3	n (13/14) *
14	-6.0	-4.6	-6.5	-5.7	1.7	589.2	589.6	590.9	92	95	92	N 2	N 1	N 2	10=	10=	6	5.2	≡ n-II, * 14-n
15	-10.0	-11.6	-16.5	-12.7	-5.4	590.3	590.1	588.7	87	85	80	N 2-3	N 2-3	N 2	10≡	10≡	0	4.3	* ≡ ⸙ n-II
16	**-20.0**	-11.2	-16.8	-16.0	-8.7	585.1	585.2	585.8	60	60	54	N 1	S 0-1	N 0	0	0	0	.	
17	-13.2	-10.6	-7.8	-10.5	-3.3	585.5	585.1	587.4	44	45	53	N 1	N 2-3	N 0	4	8	3	.	⸸, ⸙ II
18	-6.3	-5.9	-10.5	-7.6	-0.4	587.1	586.3	585.7	48	50	59	N 1	N 1	N 0	0	0	0	.	
19	-10.7	-8.4	-11.9	-10.3	-3.2	585.0	585.5	587.2	58	58	78	N 1	N 2	N 1	1	0	0	.	
20	-12.9	-8.8	-9.6	-10.4	-3.3	588.7	589.9	591.5	70	44	37	N 2-3	N 2-3	N 1-2	0	0	0	.	⸙ n-II
21	-12.2	-4.3	-7.3	-7.9	-0.8	591.6	592.9	593.1	**23**	48	92	N 0-1	N 1-2	N 3	3	5	10≡	4.8	≡ * ⸸ ⸙ 15-n
22	-7.8	-6.6	-4.5	-6.3	0.7	594.1	595.6	596.6	92	95	96	N 2	N 2-3	N 2	10=	10=	10*=	8.0	≡ * ⸸, ⸙ II
23	-3.0	-0.7	-2.4	-2.0	5.0	598.3	599.7	600.7	98	85	98	N 3	N 4	N 4	10=	10=	10	.	⸙ ≡
24	-2.7	3.9	-1.7	-0.2	6.7	600.0	599.0	597.6	95	27	40	N 2	N 0-1	N 0	0	0	0	.	
25	-4.4	-3.8	-6.8	-5.0	1.9	594.5	592.3	593.0	92	93	88	N 2	N 2	N 2	6	10=	10=	6.7	≡ 11-n
26	-8.9	-6.5	-7.1	-7.5	-0.7	596.4	597.8	598.2	86	88	45	N 2	N 1	N 0	10*	0	0	.	⸸ ≡ n-8
27	-5.2	-3.4	-7.5	-5.4	1.4	595.8	594.0	591.2	35	36	50	N 1	N 1-2	N 2	0	0	0	.	
28	-8.5	-3.8	-6.3	-6.2	0.5	585.9	583.1	**579.9**	53	78	94	NE 0	S 2	S 2	3	10*	10*	**13.2**	≡ 9-p, * 12-n
																		Summe	
Mittel	-6.6	-3.2	-5.9	-5.2	—	593.7	593.6	593.8	55	52	57				2.7	3.2	2.4	43.5	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$H_b = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

März 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.4	0.0	−2.0	−0.5	−2.5	700.2	700.2	700.7	95	90	94	S 0	W 1	SW 0	10*	10*	10*	7.4	✳ n−22
2	−2.4	2.2	−0.6	−0.3	−2.4	**698.1**	700.2	700.0	94	70	95	SE 0	SW 0	SW 0	10	10	10*	**19.3**	✳ 17½−n
3	−1.8	3.6	−0.1	0.6	−1.7	704.1	707.3	708.6	94	69	95	W 0	NW 0	N 0	7	7	10	4.5	n (¾) ✳
4	−0.3	4.8	0.0	1.5	−0.9	706.5	707.0	710.1	96	68	95	SE 0	SW 0	SW 0	10	10	2	.	
5	−4.7	1.5	−1.4	−1.5	−4.0	712.3	712.5	712.6	95	89	95	E 0	NE 0	W 0	7≡	9≡	2	.	⊔ I, ≡, ≡² 11−12
6	−5.3	5.0	−1.2	−0.5	−3.1	710.8	709.6	710.4	95	60	96	E 0	NE 0	SE 0	10≡	2	1	.	⊔ ⊔ ≡² I
7	**−5.8**	5.3	1.2	0.2	−2.6	710.9	710.2	709.5	96	67	95	S 0	NNE 0	NE 0	7≡	6	10	.	⊔ ≡ I
8	0.4	6.1	0.4	2.3	−0.6	710.5	711.7	713.0	91	56	94	S 0	NE 0	E 0	9≡	4	4	.	≡ I
9	−3.7	8.1	1.6	2.0	−1.0	714.6	713.8	713.9	96	49	91	S 0	N 0	SE 0	3≡	4	3	.	≡ ⊔ I
10	−2.2	9.2	1.9	3.0	−0.1	715.5	715.6	716.4	93	41	88	S 0	SW 0	SE 0	3≡	4	2	.	≡ ⊔ I
11	−1.5	9.6	2.9	3.7	0.4	716.5	715.3	714.4	95	48	84	S 0	N 1	SE 0	4≡	2	3	.	≡ ⊔ I
12	−1.7	9.7	3.0	3.7	0.3	713.8	712.9	713.9	97	43	74	S 0	NE 0	SE 0	4≡	2	1	.	≡ ⊔ I
13	−1.5	10.5	3.6	4.2	0.6	715.9	714.7	713.8	97	48	75	SE 0	NE 1	E 0	3≡	1	1	.	≡ ⊔ I
14	−0.1	10.3	3.2	4.5	0.8	711.1	709.1	709.1	100	49	76	SE 0	E 2	NE 1	6≡	8	4	.	≡ ⊔ I, ⸗ II
15	−1.6	0.7	−1.5	−0.8	−4.6	708.7	709.1	711.6	91	90	99	NE 0	NE 0	N 0	10*	10	10≡	3.1	✝ I, ✳−12, ≡² 19−n
16	−5.6	6.7	2.7	1.3	−2.6	712.1	711.2	711.5	95	49	93	NE 0	NE 1	W 0	10	4	2	.	≡² ⊔ I
17	−0.3	12.5	4.6	5.6	1.5	712.3	711.7	713.1	93	33	86	SE 0	NE 0	E 0	5≡	2	2	.	≡ ⊔ I
18	0.7	14.0	5.1	6.6	2.4	716.2	716.5	717.9	95	**30**	80	S 0	N 0	S 0	3≡	1	1	.	≡ ⊔ I
19	2.1	12.4	9.6	8.0	3.6	718.5	716.0	713.8	88	43	56	S 0	W 1	W 0	7≡	8	10	6.3	≡ ⊔ I, ● 22½−n
20	4.7	7.1	5.1	5.6	1.1	715.8	716.2	718.9	86	70	94	SW 1	W 1	SW 0	7	10	8	.	●° 16
21	2.3	9.7	4.8	5.6	1.0	721.0	721.3	**722.2**	100	57	86	SE 0	NE 0	SE 0	6	8	2	.	
22	0.2	9.4	5.3	5.0	0.2	721.8	720.7	719.9	99	60	88	SE 0	NE 2	NE 0	3≡	10	1	.	≡ ⊔ I, ⸗ II
23	1.4	13.4	9.5	8.1	3.2	719.6	718.4	717.5	99	51	82	E 0	NE 2	E 0	6≡	6	2	.	≡ ⊿ I, ⸗ II
24	2.3	15.4	8.4	8.7	3.7	716.4	715.3	713.6	97	50	88	SE 0	NE 0	S 0	3≡	1	1	.	≡ ⊿ I
25	4.2	**16.0**	8.5	9.6	4.4	711.3	707.9	706.1	95	45	57	S 0	SW 1	NE 0	1	4	2	.	⊿ I
26	1.8	1.8	−0.7	1.0	−4.3	706.8	708.3	711.2	76	71	83	NE 1	E 1	E 1	9	10	5	.	
27	−3.8	3.6	0.8	0.2	−5.2	712.6	712.3	711.6	96	36	51	NE 0	NE 1	E 0	1	0	1	.	⊔ I, ⊎ III
28	−1.0	9.6	4.1	4.2	−1.4	710.2	708.0	706.1	86	31	75	E 0	W 1	S 0	7	5	7	0.5	⊔ I, ⊎ III, n ●°
29	5.4	9.2	4.7	6.4	0.7	705.9	706.0	706.9	88	44	87	SW 1	W 2	SW 1	7	8	10●	4.6	⸗ II, ● 14−14½, 21−21½, n
30	4.8	10.8	5.2	6.9	1.0	707.2	704.5	703.7	93	45	100	W 0	W 1	SW 0	8	9	10	9.3	● 16½−n
31	5.7	8.5	5.9	6.7	0.7	702.8	704.1	703.1	93	79	97	S 0	W 1	W 0	7	10	10	0.3	●° 11½−13
																		Summe	
Mittel	−0.2	8.0	3.0	3.6	—	711.6	711.2	711.5	94	56	85				6.2	6.0	4.7	55.3	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$H_b = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

März 1918.
Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.4	0.3	−1.5	−0.3	−3.8	707.9	708.1	708.5	96	91	98	NE 1	NE 1	N 0	10	10*	10*	4.1	✳ 13−n
2	−0.8	0.5	−0.1	−0.1	−3.7	**706.0**	707.9	707.7	92	97	98	NE 1	S 1	NW 0	10	10●	10*	**10.3**	● 9½−16, ✳−n
3	−0.8	5.2	0.4	1.6	−2.2	711.9	715.2	716.5	96	76	89	N 0	S 0	N 1	4	3	8	1.6	
4	0.2	2.4	1.5	1.4	−2.5	714.5	714.7	717.9	96	96	93	N 1	NW 1	N 0	10	10	10	1.5	✳ n−13
5	−1.8	2.7	0.1	0.3	−3.7	720.2	720.4	720.3	100	82	89	NE 1	NE 1	NE 1	10≡	4	2	.	≡ n−11
6	−2.6	2.0	−0.4	−0.3	−4.5	718.7	717.7	718.0	100	91	92	NE 1	SW 1	NE 1	10≡	5	0	.	a ≡, ≡° II
7	−1.9	4.5	2.8	1.8	−2.5	718.8	718.1	717.3	98	80	84	NE 1	NE 1	E 1	10≡	3	10	.	≡ n−10½
8	1.5	6.6	0.8	3.0	−1.4	718.1	719.5	720.7	93	75	87	W 1	SE 1	NW 1	10	5	0	.	≡° II
9	−2.0	6.2	2.1	2.1	−2.5	722.3	721.8	721.6	96	68	82	NE 1	SW 1	N 1	3	6	0	.	⊔ I, ≡° II
10	−1.4	8.1	3.0	3.2	−1.5	723.3	723.4	724.1	98	64	75	NE 0	S 1	NW 1	4	6	0	.	⊔ I, ≡° II
11	−1.0	9.4	4.2	4.2	−0.6	724.2	723.2	721.9	96	65	73	NE 0	S 1	N 1	3	3	0	.	⊔ ⊔ I
12	−1.0	9.6	4.2	4.3	−0.7	721.5	720.8	721.4	96	64	73	NE 1	S 1	NW 1	4	3	0	.	⊔ ⊔ I
13	−0.4	12.6	7.2	6.5	1.4	723.5	722.4	721.3	94	53	67	NE 1	E 1	N 1	3	3	0	.	⊔ I
14	0.6	11.7	4.6	5.6	0.3	718.6	716.7	716.8	90	51	66	NE 1	E 2	E 2	7	7	0	.	≡° n−II, ⸗ 10−n
15	−0.8	0.0	−1.4	−0.7	−6.1	716.9	717.0	718.3	78	89	100	NE 1	NE 1	NE 0	10	10	0	2.4	✳ 8½−13
16	**−3.4**	4.2	3.2	1.3	−4.2	719.9	719.0	718.9	100	87	70	NE 1	SW 1	W 0	10≡	4	0	.	≡² n−11
17	0.2	11.0	6.2	5.8	0.1	720.1	719.5	720.5	84	60	71	NE 0	S 1	SW 1	6	2	2	.	≡° I
18	1.6	13.2	6.5	7.1	1.3	723.9	724.3	725.3	89	53	70	NE 0	SW 1	NW 1	3	2	0	.	
19	1.8	11.9	9.1	7.6	1.7	725.3	723.7	721.4	94	58	70	NE 1	W 1	W 2	8	7	10	4.1	≡° II, ●° 17, ● 21½−n
20	4.6	6.5	5.9	5.7	−0.4	723.5	723.9	726.5	90	75	82	W 1	W 1	NW 1	7	10●	10	.	● n−7, p ●°
21	5.6	11.8	9.2	8.9	2.7	728.7	729.0	**729.4**	85	57	53	NE 1	E 1	NE 2	9	6	1	.	
22	3.0	10.9	7.6	7.2	0.9	729.3	728.5	727.3	81	65	76	NE 0	E 2	NE 2	4	10	0	.	
23	5.8	15.0	10.1	10.3	3.8	727.1	725.7	725.1	82	60	75	E 2	E 2	NE 2	6	5	1	.	≡° I
24	7.9	15.4	8.8	10.7	4.1	723.8	723.0	721.2	81	56	78	NE 1	SW 1	NW 1	4	0	0	.	
25	4.0	**15.6**	10.0	9.9	3.1	718.9	715.6	713.8	97	57	56	NE 0	SW 1	N 1	4	5	3	.	
26	1.6	5.0	−0.3	2.1	−4.8	714.4	715.8	718.8	74	48	69	NE 1	N 2	NE 1	8	7	4	.	⸗ 8−15
27	−1.4	5.9	1.4	2.0	−5.0	720.5	720.1	719.6	76	53	**47**	E 2	E 2	N 1	0	0	0	.	
28	−0.6	8.4	4.6	4.1	−3.1	718.2	716.1	713.4	74	53	63	NE 1	S 1	W 1	8	7	6	4.0	n (²⁸/₂₉) ●
29	4.8	7.7	4.9	5.8	−1.5	713.6	713.6	714.6	84	61	89	NW 2	W 2	W 1	9	8	10●	5.5	⸗ 4, ● 16½−n
30	4.5	9.4	5.6	6.5	−0.9	714.9	712.4	711.2	91	65	95	NW 1	W 2	W 2	8	10	10●	7.7	● 14½−n
31	7.0	6.8	6.7	6.8	−0.8	710.2	711.8	710.8	88	91	89	NW 1	SW 1	SW 1	8	10●	10	1.7	● 9−II, ●°−n, p ⸗
																		Summe	
Mittel	1.1	7.8	4.1	4.3	—	719.3	719.0	719.0	90	69	78				6.8	5.8	3.8	42.9	

März 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$;
$H_b = 456.3^m$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.2	3.3	0.3	1.9	−1.4	710.4	709.6	711.2	97	92	100	S 0	NE 0	W 0	10●	10●*	10*	19.1	a ●, ● * II, p n *
2	0.2	1.8	0.5	0.8	−2.6	**708.7**	710.0	709.9	100	90	100	NW 0	N 0	SE 0	10*	10*●	10*	**42.3**	*², ● II
3	0.6	4.7	0.5	1.9	−1.6	714.2	717.7	718.8	100	62	98	E 0	NE 0	NE 0	10	10	10	2.4	a ●
4	0.9	4.2	1.7	2.3	−1.4	716.7	716.7	720.3	99	68	94	NW 0	NW 0	NW 0	10	8	10	.	
5	4.6	8.2	6.0	6.3	2.5	723.0	723.7	722.9	29	29	29	E 1	E 3	SE 0–1	3	4	0	.	⸗ II
6	0.5	7.0	1.6	3.0	−0.9	720.9	720.5	720.5	81	60	67	SE 0	N 0	N 0	7	3	0	.	
7	−0.9	6.1	3.6	2.9	−1.1	721.2	720.1	719.8	92	83	93	NE 0	N 0	N 0	7	10	10	.	
8	2.8	5.3	2.7	3.6	−0.6	720.9	722.5	723.7	100	65	98	NW 0	N 1	N 0	10	3	0	.	
9	**−1.0**	7.4	2.8	3.1	−1.2	724.8	723.8	724.4	86	50	79	N 0	NW 0	NE 0	0	0	0	.	
10	−0.6	8.8	4.8	4.3	−0.1	725.7	725.7	727.0	86	37	60	W 0	NE 0	NE 0	0	0	0	.	
11	1.0	9.2	5.2	5.1	0.5	727.1	724.1	725.0	77	45	50	NE 0	NW 0	N 0	0	1	0	.	
12	−0.3	8.8	2.8	3.8	−0.9	724.1	722.9	724.6	88	50	60	SW 0	NW 0	NE 0	0	0	0	.	
13	−0.6	8.6	5.8	4.6	−0.2	726.3	724.9	724.4	74	43	58	NE 0	NW 0	NE 0	0	0	0	.	
14	0.0	8.8	6.7	5.2	0.2	721.6	718.9	719.3	94	51	68	NE 0	NW 0	NW 0	0	6	10	.	
15	1.4	9.1	7.1	5.9	0.8	718.9	719.4	722.1	75	**28**	29	NW 0–1	SE 3–4	SE 3	10	10	0	.	⸗ 10–n
16	8.3	14.0	8.8	10.4	5.2	721.7	721.7	721.1	30	29	36	SE 2–3	SE 2–3	SE 1–2	1	0	0	.	⸗ n–p
17	0.7	12.0	6.0	6.2	0.8	722.6	721.7	723.3	90	48	60	NW 0	NW 0–1	E 0	0	0	0	.	
18	1.1	11.8	8.0	7.0	1.5	726.7	726.2	728.3	87	29	45	SE 0	NW 0	SE 0	0	0	0	.	
19	4.7	12.8	9.1	8.9	3.3	728.0	725.5	724.1	54	32	89	E 0	NW 0	N 0	5	4	10	4.7	n (19/20) ●
20	5.2	10.4	7.4	7.7	1.9	725.5	725.9	728.8	98	40	60	N 0	N 0	NW 0	10	5	10●	0.8	●° III
21	5.6	**15.0**	5.4	8.7	2.8	731.5	731.3	**732.6**	98	44	70	NW 0	NW 1	E 0	6	6	1	.	
22	1.7	9.3	5.9	5.6	−0.4	732.2	732.1	730.3	90	55	79	W 0	N 1	NE 0	1	5	4	.	
23	4.4	12.5	6.2	7.7	1.5	730.0	729.3	728.2	89	56	80	NW 0	NW 0	NE 0	9	7	0	.	
24	7.3	11.7	7.9	9.0	2.7	726.4	725.1	723.8	99	54	63	E 0	NW 0	SE 0	0	0	0	.	
25	5.4	10.3	7.7	7.8	1.4	720.8	718.5	714.9	84	50	95	SE 0	W 1	W 0	9	7	10	4.5	● 14–15
26	2.7	2.2	0.8	1.9	−4.7	716.2	718.0	721.4	85	95	73	N 0–1	NW 2–3	N 0	10*●	10	10	3.2	* ● n–l, ⸗ II
27	−0.3	3.2	1.3	1.4	−5.3	723.0	722.8	722.6	56	47	65	N 0	NW 0–1	W 0	7	2	0	.	
28	1.2	8.3	3.6	4.4	−2.4	720.2	717.7	716.4	66	49	65	E 0	NW 0–1	NE 0	10	2	0	.	
29	4.8	11.5	6.9	7.7	0.7	715.6	714.7	716.3	75	43	57	SW 0	NW 0–1	E 0	10	10●	10	1.7	● I, II
30	3.9	11.2	7.2	7.4	0.3	717.5	714.7	713.3	100	42	90	E 0	NW 1	NE 0	10	8	10●	4.4	● III–n
31	4.5	12.0	8.8	8.4	1.2	713.2	712.8	712.8	92	48	72	NE 0	NW 1	N 0–1	5●	10	0	.	
																		Summe	
Mittel	2.3	8.7	4.9	5.3	—	721.8	721.2	721.7	83	52	70				5.5	4.9	4.0	83.1	

März 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$H_b = 405.0^m$, $G = 0.02^{m/m}$.

1	1.0	0.0	−0.2	1.1	−1.9	715.2	715.5	715.8	82	97	92	SSE 0	SSW 1	NNE 1	9	10*	10*	6.8	* 11–17, 20–n
2	−0.6	1.2	0.0	0.0	−3.1	**714.3**	715.3	715.9	98	80	99	SW 1	SW 0	SW 0	10*	10*	10*	7.0	* 7–n
3	−0.2	2.6	1.2	1.5	−1.7	719.5	722.1	723.6	97	64	83	NW 0	NNE 1	NE 1	9*	1	0	.	*° I
4	0.0	6.2	2.0	2.2	−1.1	722.5	722.5	725.3	85	56	64	SE 0	SW 0	SW 1	9	8	0	.	
5	−1.4	3.3	1.2	1.0	−2.4	727.4	727.6	727.4	78	66	89	SSW 0	NNW 0	NNE 1	9	9	0	.	
6	**−3.4**	4.4	0.8	1.0	−2.6	726.1	724.9	725.4	96	52	85	NNE 1	NNE 1	NNE 0	2	0	0	.	
7	−3.2	5.2	2.2	1.4	−2.3	726.1	725.3	724.6	92	62	87	NNE 0	NNE 1	NNE 1	0	2	0	.	a ⌊
8	0.2	3.9	2.3	2.2	−1.6	725.6	726.7	727.9	89	73	85	NE 0	NNE 1	NE 0	10	0	0	.	a ⌊
9	−2.4	6.4	3.8	2.8	−1.1	729.5	729.1	728.9	90	56	70	NNE 0	NNE 1	NNE 0	0	0	0	.	a ⌊
10	−1.6	8.0	4.2	3.4	−0.6	730.8	730.8	731.3	92	45	74	NNE 0	N 1	NNE 0	0	1	0	.	a ⌊
11	−1.2	8.2	3.5	4.1	0.0	731.5	730.5	728.9	95	44	75	N 0	NNE 1	NNE 0	0	0	0	.	a ⌊
12	−1.4	7.5	2.9	3.4	−0.9	728.6	727.8	728.9	88	56	83	NNE 1	NNE 1	NNE 1	0	0	0	.	a ⌊
13	−1.2	8.8	4.0	4.3	−0.1	730.5	729.8	728.4	96	39	77	NNE 1	NNE 1	NNE 1	0	0	0	.	a ⌊
14	−0.7	9.2	6.1	5.0	0.5	725.8	723.8	723.6	87	46	72	NNE 0	NNE 1	NNE 1	5	0	0	.	a ⌊
15	2.0	5.2	2.6	3.5	−1.1	723.7	723.3	725.1	75	69	87	NNE 1	N 1	NNW 1	9	3	0	.	a ⌊
16	0.0	8.2	6.4	4.5	−0.2	726.7	725.7	726.2	91	46	60	NW 0	NNW 1	NNW 1	9	8	9	.	a ⌊, Ψ° 19
17	0.3	10.4	7.2	6.1	1.2	727.2	726.5	727.8	87	39	61	NNW 0	N 1	NNE 1	2	3	8	.	a ⌊
18	1.1	11.4	7.6	6.9	1.9	731.3	731.5	732.5	87	40	61	NNE 0	NNE 0	NNE 1	0	0	0	.	a ⌊, Ψ° Ψ 21
19	1.6	15.1	10.0	8.0	2.9	732.9	731.0	729.6	85	37	74	NW 0	SSW 1	SSW 1	3	9	10●	7.2	● 21–22, n
20	4.9	9.2	6.6	7.2	1.9	731.9	731.8	733.8	81	61	79	SE 0	W 1	NNE 1	2	10	9	0.1	●°
21	5.8	9.2	7.5	7.0	1.6	735.4	735.7	**736.5**	85	61	64	NNE 1	NNE 2	NNE 1	8	2	0	.	⸗ II
22	3.4	12.6	8.8	7.8	2.3	736.2	734.2	733.0	83	38	61	SW 0	NNE 2	NNE 2	0	1	0	.	a ⌊, ⸗ 11–22, Ψ 22
23	4.5	11.2	9.6	8.4	2.8	734.2	733.2	731.8	78	54	76	SW 1	NNE 1	NNE 1	8	3	0	.	
24	3.4	12.4	8.6	8.3	2.5	731.3	730.5	728.6	93	57	81	W 0	NNE 1	NNE 1	0	0	0	.	a ⌓
25	6.0	**16.6**	9.2	9.9	4.0	726.4	723.1	721.0	85	39	79	SSW 1	SSW 1	SSW 1	9	2	0	0.1	●° 15½–16½
26	4.2	6.8	2.5	5.0	−1.0	721.0	721.8	724.6	62	34	51	NNE 2	NNE 2	NNE 3	0	1	0	.	⸗
27	−1.0	5.4	3.0	2.6	−3.6	727.2	727.1	726.7	68	**30**	50	NE 1	N 1	NNE 1	2	0	0	.	⸗ 7–16, Ψ 19–22
28	−1.4	11.8	0.8	6.1	−0.2	725.9	723.4	721.2	76	34	40	W 0	SW 1	SSW 2	2	0	9	3.0	⸗ 20–22, n ●
29	5.1	9.8	6.7	7.7	1.3	721.8	722.7	723.6	82	40	67	SSW 1	SSW 1	SSW 1	9	9	10●	2.7	● 21–n
30	5.4	9.4	7.0	7.4	0.8	722.5	720.3	719.5	78	61	**88**	W 0	SSW 0	SW 1	0	10●	10●	**10.5**	● 13–21, n
31	7.2	8.3	8.0	7.9	1.2	717.9	719.1	717.5	85	89	84	SE 0	NNE 1	NW 0	9	10	10	9.6	● 8–12, n
																		Summe	
Mittel	1.2	8.0	5.0	4.8	—	726.7	726.2	726.3	85	54	74				4.4	3.6	3.1	47.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁰, 13³⁰ u. 21³⁰.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$Hb = 493.2^m$, $G = 0.08\,m/m$.

Zürich.

März 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.4	2.2	-1.2	0.5	-1.9	707.8	707.2	708.5	100	80	98	S 0	SW 1	NW 0	10*	10	10*	7.0	✳ 0–10, ●°–13, ✳ 15-n ⊠
2	-0.5	5.0	0.7	1.7	-0.8	**706.1**	706.9	707.0	92	73	94	N 0	NE 1	W 0	10	10	10	0.1	⊠
3	1.0	5.0	1.5	2.5	-0.1	711.3	715.5	716.2	80	61	77	W 1	W 1	SW 1	9	8	10	10.0	✳ 22, n
4	0.6	4.0	0.1	1.6	-1.1	713.8	714.4	717.2	93	75	95	N 0	NW 0	NE 0	10	9	2	.	⊠
5	-2.9	4.9	2.4	1.5	-1.4	720.1	720.2	719.5	100	66	82	NE 0	W 1	SE 0	9≡	7	8	.	≡ n–10 ⊠
6	-1.2	8.4	3.5	3.6	0.6	718.0	716.9	717.6	100	48	77	NE 0	NW 1	NE 1	4	4	0	.	⊔ I, ≡ a–10
7	1.1	3.6	2.6	2.4	-0.7	718.3	718.1	717.0	96	80	82	NE 0	NE 1	NE 0	10	10	10	0.2	≡° I, a ●°
8	1.6	9.1	2.9	4.5	1.2	717.7	718.9	720.0	80	54	79	NE 0	SW 1	SW 0	10	2	0	.	
9	-2.4	10.1	3.5	3.7	0.3	721.6	721.1	720.9	100	57	77	S 0	NW 1	NE 0	10≡	0	0	.	≡² ⊔² n–10
10	-1.1	13.0	4.2	5.4	1.8	722.5	722.6	723.3	98	41	71	NE 0	SW 1	SW 0	1	0	0	.	⊔ I
11	-0.8	11.4	4.1	4.9	1.2	723.8	722.5	721.5	96	48	70	W 0	N 1	NE 0	1	0	1	.	⊔ ≡° I
12	-1.0	13.3	4.5	5.6	1.8	720.8	720.0	721.0	96	51	63	NE 0	SE 1	NE 0	1	0	0	.	⊔ ⊔ I
13	-0.8	13.5	5.6	6.1	2.1	723.1	722.4	721.1	96	39	63	NE 0	NE 1	NE 0	0	0	0	.	⊔ I
14	3.2	11.4	1.6	5.4	1.3	718.7	717.1	717.3	80	50	59	E 0	NE 2	NE 2	3	4	0	.	⊔° I, p ⸙
15	-1.0	0.0	-1.6	-0.9	-5.2	716.6	717.0	717.7	74	97	100	NE 1	E 0	NW 0	10	10*	10≡	8.0	✳° 8–9, ✳ 10–14½, *) ⊠
16	-5.6	8.1	3.6	2.0	-2.4	719.4	718.4	718.3	100	57	85	NW 0	NW 1	NW 0	1	1	1	.	∽ I
17	-0.8	13.2	5.6	6.0	1.5	719.7	718.7	720.0	98	47	61	E 0	NW 1	E 0	1	0	0	.	⊔ ⊔ I
18	-0.2	16.6	5.2	7.2	2.5	723.1	723.7	724.8	96	37	62	E 0	W 0	E 0	0	1	0	.	⊔ ⊔ I
19	2.0	16.4	10.6	9.7	4.9	724.5	722.6	720.6	87	**32**	52	E 0	SW 1	SW 1	4	1	10●	3.6	⊔ I, p ⸙, ● 21–n
20	6.0	9.2	6.0	7.1	2.1	722.3	722.7	725.8	76	50	78	SW 1	W 1	W 1	3	10	10	0.1	a ⸙, ●° 14–15, 18
21	4.6	13.0	5.4	7.7	2.6	728.4	728.6	**729.4**	95	47	73	W 0	SE 1	E 0	6	4	0	.	⊔° I
22	1.4	10.2	6.6	6.1	0.9	729.3	728.6	727.9	98	64	75	NE 0	NE 1	NE 1	4	9	4	.	⊔° I
23	4.1	12.6	8.3	8.3	2.9	727.1	726.8	725.2	97	61	83	NW 1	NE 1	NE 1	8	2	1	.	
24	4.4	16.6	9.5	10.2	4.7	723.3	722.1	720.3	95	62	80	NE 0	SE 0	SW 0	1	0	0	.	⊔° I
25	5.3	**17.9**	9.0	10.7	5.1	717.8	715.0	713.1	91	37	52	SW 0	W 1	NE 2	1	2	10	.	⊔° I, ⸙ III
26	2.0	3.8	-0.6	1.7	-4.1	714.3	716.0	718.8	63	57	62	NE 1	SE 1	NE 1	10*	9	6	1.1	✳ 6½–15, ✳° 16–18 ⊠
27	-4.8	4.9	1.3	0.5	-5.4	720.2	720.1	719.3	77	**32**	47	W 1	NW 1	NE 0	0	1	5	.	⊔ I, ⊕² 22½
28	-0.2	11.2	4.1	5.0	-1.0	717.7	715.6	713.1	70	**32**	60	E 0	SW 0	E 0	4	2	1	0.4	
29	5.0	10.2	6.0	7.1	0.9	712.6	712.4	713.8	78	37	69	W 2	W 3	W 2	8	4	10●	4.1	●° 6, ⸙, ● ⸙ 21–n
30	4.6	11.6	5.4	7.2	0.9	714.2	711.8	710.3	91	45	94	NW 1	SW 1	W 1	9	4	10●	**13.6**	●° I, ● 18–24½
31	5.0	10.2	7.6	7.6	1.2	709.6	710.8	710.2	92	67	81	S 0	W 3	NE 1	4	10	9	0.9	●° 3, ● 13–14½, p ⸙
																		Summe	
Mittel	0.9	9.7	4.1	4.9	—	718.8	718.5	718.6	90	54	74				5.2	4.3	4.5	49.1	*) **15.** ≡ 21–n

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$Hb = 1787.3^m$, $G = -0.11\,m/m$.

Rigi-Kulm.

März 1918.
Beobachter: *Hospenthal.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-6.2	-5.6	-8.4	-6.7	-3.1	601.1	600.5	601.1	95	97	97	W 3	NW 1	W 0	10*	10*≡	10	**16.7**	⸙ ⸸ I, ≡ II, ✳ n–p ⊠
2	-4.4	-2.4	-2.6	-3.1	0.5	**598.3**	598.5	601.1	95	100	95	S 4	S 4	SW 4	10	10	10*	1.4	≡° I, ⸙, ⸸, ✳° 16½–n ⊠
3	-6.4	-4.2	-4.6	-5.1	-1.6	603.8	607.1	608.1	95	78	60	S 1	S 2–3	SW 2	5	10	10	3.8	≡° n–p, ⸙ II, n ✳ ⊠
4	-6.2	-2.8	-7.0	-5.3	-1.8	606.3	606.9	609.3	98	57	97	E 0	SE 2	W 0	10≡	7	10	.	≡ I, ≡° III ⊠
5	-6.2	-2.8	-3.4	-4.1	-0.7	611.3	612.7	612.4	32	40	34	S 4	S 4	S 4	3	3	7	.	⸙ ⊠
6	-3.8	0.0	-1.7	-1.8	1.6	611.2	610.4	611.1	**29**	42	65	S 3	S 3	SW 1	5	5	0	.	⸙ n–II ⊠
7	-2.0	1.4	-3.4	-1.3	2.0	610.9	610.7	609.1	50	51	51	SW 0	W 0	W 1	5	7	10	.	≡° 19½–n ⊠
8	-3.0	0.6	-3.2	-1.9	1.3	610.4	612.0	613.7	46	56	80	W 0	SE 1	W 0	1	3	0	.	⊠
9	-2.0	0.6	-2.4	-1.3	1.9	614.2	614.3	614.6	55	55	95	E 1	E 0	W 1	0	0	0	.	⊠
10	-3.2	-0.2	-2.6	-2.0	1.1	615.2	615.7	616.8	84	57	73	E 0	E 0	E 0	0	3	0	.	⊠
11	-3.6	-0.6	-3.0	-2.4	0.6	616.3	615.9	615.0	82	78	83	E 0	E 0	E 0	0	2	0	.	⊠
12	-3.6	0.0	-2.2	-1.9	1.1	613.8	613.9	614.9	53	62	78	SE 0	S 0	S 0	0	0	0	.	⊠
13	-2.4	-1.6	-2.2	-2.1	0.8	615.5	615.6	614.7	65	81	90	E 2	E 1	SE 2	0	1	1	.	⊠
14	-2.4	-0.4	-4.0	-2.3	0.5	611.7	610.7	610.0	75	81	100	E 2	E 0	E 0	5	5	10	.	⊠
15	-4.8	-3.2	-3.2	-3.7	-0.9	608.1	609.2	611.8	100	50	42	W 2	SW 3	SW 4	10	10	3	0.9	a ✳°, p ⸙, ⸙ III ⊠
16	-2.6	1.4	0.8	-0.1	2.6	612.1	612.3	612.8	68	47	39	S 2	S 3	S 2	0	0	0	.	⸙ II ⊠
17	-0.6	2.2	-0.8	0.3	2.9	613.2	614.3	615.2	46	34	54	SE 0	SE 0	SE 0	0	0	2	.	⊠
18	-0.6	3.0	0.3	0.9	3.5	616.5	617.6	619.1	68	47	39	SE 0	SE 0	SE 0	0	0	1	.	⊠
19	0.0	2.2	0.3	0.8	3.3	618.2	617.3	615.5	48	55	67	SW 0	W 1	SW 2	3	3	10	7.5	n (19/20) ✳ ⊠
20	-3.8	-2.0	-3.4	-3.1	-0.7	614.7	615.8	617.7	100	100	100	W 3	W 0	W 1	10	10	10*≡	2.6	⸙ ≡° I, ≡ ✳ 20–n ⊠
21	-4.0	-0.6	-2.0	-2.2	0.1	619.7	620.8	**621.5**	100	100	98	E 1	E 0	E 0	10	3	1	.	≡° n–II ⊠
22	-2.2	0.8	-0.6	-0.7	1.6	620.9	620.7	620.7	72	57	78	E 0	W 0	E 0	5	10	7	.	≡° 15½–p ⊠
23	-0.6	1.2	1.4	0.7	2.9	619.4	620.0	619.0	75	95	68	E 2	E 1	SW 3	7	5	0	.	≡° 14–p, ⸙ III ⊠
24	2.4	**6.6**	3.0	4.0	6.1	617.2	617.4	616.5	52	44	68	E 2	S 0	S 0	0	0	0	.	⊠
25	2.2	3.2	0.0	1.8	3.8	613.1	611.0	608.7	88	95	57	W 1	W 1	W 1	10	10	5	2.8	≡° 13–p, n ✳ ⊠
26	-7.6	-9.0	-10.8	-9.1	-7.2	606.0	607.0	609.6	97	95	84	NE 1	NE 2	NE 1	10≡	10*≡	10*	3.4	≡ n–II, ✳ 11–n ⊠
27	**-12.6**	-7.2	-7.2	-9.0	-7.2	609.6	610.9	611.1	88	86	90	NE 0	NE 1	NW 0	0	5	3	.	≡° 12–p ⊠
28	-4.4	1.0	-1.0	-1.5	0.3	609.8	609.7	608.4	37	52	47	SW 2	SW 1	W 2	5	3	1	0.7	⊠
29	-4.0	-1.4	-3.4	-2.9	-1.2	606.2	606.7	607.3	100	80	85	W 4	SW 1	W 3	10*≡	10	10	9.0	≡ ⸸ ✳ ⸙ n–8, ⸙ III ⊠
30	-4.2	-0.6	-1.2	-2.0	-0.4	607.4	606.7	605.2	100	100	100	W 2	SW 1	W 3	10	7	10*≡	9.2	⸸ ✳ ⸙ ≡ 18–n ⊠
31	0.2	2.2	0.2	0.9	2.4	605.2	605.6	605.9	68	54	67	W 3	W 1	SW 2	5	10	3	.	⸙ I, ≡° 12½–15 ⊠
																		Summe	
Mittel	-3.3	-0.6	-2.5	-2.1	—	611.5	611.9	612.2	73	69	74				4.8	5.2	4.6	58.0	

März 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$,
$H_b = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-4.0	-1.0	-3.2	-2.7	3.0	607.9	**607.4**	**607.4**	95	81	96	NW 0	NW 1	— 0	10*	10*	10*	27.0	✳²
2	-3.0	-2.0	-2.6	-2.5	3.1	608.3	609.0	608.8	97	100	100	N 1	NE 5	NE 5	10*	10*	10*	**34.5**	✳², p n ⸙ ⸸²
3	-5.0	0.0	-4.6	-3.2	2.3	610.7	613.8	614.4	96	62	86	N 1	S 0	— 0	10*	9	10	6.5	a ✳
4	-8.4	-5.4	-5.4	-4.7	0.7	613.5	614.1	617.3	85	51	88	N 1	SW 0	— 0	6	10	10*	0.8	✳° II
5	-12.7	-1.2	-11.0	-8.3	-3.1	621.2	620.9	620.4	79	53	75	W 0	N 0	— 0	1	1	8	.	
6	-9.0	0.6	-7.8	-5.4	-0.3	618.4	617.3	618.2	79	59	89	SE 0	N 0	NE 1	10	10	0	.	
7	-11.4	4.0	-2.0	-3.1	1.9	616.9	615.1	614.9	90	54	80	S 0	W 1	W 1	1	3	10	.	
8	-1.8	-1.1	-5.4	-2.8	2.1	617.3	618.7	619.7	90	64	85	NW 1	S 1	— 0	10	10	0	0.4	✳° 8-9
9	-13.4	2.0	-8.4	-6.6	-1.8	621.2	620.5	621.1	81	51	74	S 0	S 1	— 0	0	0	0	.	
10	-13.4	3.0	-6.5	-5.6	-1.0	621.7	621.4	622.6	80	49	74	SW 0	W 1	NE 1	0	3	0	.	
11	-13.8	1.0	-10.0	-7.6	-3.1	623.0	621.9	621.4	85	52	70	S 0	S 1	NE 1	0	0	0	.	
12	-13.0	1.3	-9.8	-7.2	-2.8	621.0	620.2	621.4	80	54	70	SW 0	SW 1	W 1	7	1	0	.	☾ III
13	-15.6	1.7	-8.8	-7.6	-3.4	622.4	620.9	620.3	77	44	67	S 0	N 0	N 1	0	0	0	.	
14	-10.2	4.6	-4.8	-3.5	0.6	617.7	615.8	615.5	80	45	80	N 0	SW 1	W 1	8	9	7	.	
15	-4.9	-1.8	-7.8	-4.8	-0.8	616.1	618.2	620.9	76	60	84	W 3	NW 1	NE 1	10	10*	0	.	⸙ n-I, ✳° 8-II
16	-15.5	1.4	-7.2	-7.1	-3.3	621.6	620.9	621.1	84	60	87	SE 0	SW 1	— 0	1	2	2	.	
17	-11.8	2.6	-7.0	-5.4	-1.7	620.6	619.6	621.8	89	58	84	S 1	S 2	NE 1	0	0	0	.	
18	-12.6	1.4	-7.2	-6.1	-2.5	623.2	623.7	625.3	85	52	67	S 0	SW 1	— 0	0	0	0	.	
19	-10.8	5.2	-1.0	-2.2	1.2	625.4	623.8	622.2	79	41	67	S 0	SW 1	W 1	1	5	10	0.2	n (¹⁰/₂₀) ✳°
20	-3.1	3.0	-0.2	-0.1	3.2	620.7	620.9	622.8	93	59	58	SW 0	NW 2	NE 1	9	10	10	.	
21	-4.6	4.2	-2.4	-0.9	2.2	625.4	625.9	**627.2**	87	51	66	N 0	W 2	W 1	6	5	1	.	
22	-10.8	4.6	0.4	-1.9	1.1	626.4	625.2	625.6	85	46	71	NW 0	W 2	SW 1	0	6	8	.	
23	-3.2	**8.6**	1.0	2.1	4.9	625.6	624.8	625.1	87	49	83	NE 1	NE 0	W 2	8	9	2	.	
24	-6.6	7.4	-1.0	-0.1	2.6	625.0	623.7	622.3	94	50	79	S 1	S 1	— 0	2	1	1	.	
25	-4.9	7.2	2.4	1.6	4.2	618.7	616.8	612.5	90	43	59	W 1	NE 0	W 4	4	7	8	2.5	✳ 16-n, ⸙ III-n
26	-3.0	-1.4	-8.0	-4.1	-1.7	609.9	611.2	614.0	69	44	52	NW 1	N 1	NW 1	10	9	3	.	a ✳°
27	**-16.6**	-3.7	-12.1	-10.8	-8.5	615.6	615.4	616.5	65	**32**	50	SE 0	W 3	— 0	0	0	0	.	⸙ II
28	-15.4	2.6	-7.5	-6.8	-4.7	615.7	615.0	615.1	64	38	69	N 0	W 1	N 1	3	1	6	.	
29	-6.0	2.6	-3.0	-2.1	-0.1	613.0	611.9	613.7	75	57	87	SE 0	S 1	W 1	10	9	3	0.4	✳° 20
30	-6.4	3.2	-0.8	-1.3	0.5	613.8	612.7	612.5	85	43	79	SE 0	S 2	W 2	4	0	10	.	
31	-6.4	6.0	0.0	-0.1	1.6	612.6	612.2	613.7	85	46	91	S 1	W 1	W 1	6	10	9	2.0	n (³¹/₁) ✳
																		Summe	
Mittel	-8.9	2.1	-4.9	-3.9	—	618.4	618.0	618.6	83	53	76				4.7	5.2	4.4	74.3	

März 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00\,^m/_m$.

1	0.9	3.0	-0.4	1.2	-2.3	702.2	701.7	703.1	100	74	89	S 1-2	SW 2	SW 1	10*	10	10*	3.4	● 7, ✳ ⸸ 7-11, ✳ III-n
2	-1.2	0.8	-0.4	-0.3	-4.0	**701.0**	702.5	702.6	100	91	100	SW 1	S 0-1	SW 0	10*	10*	10*	**25.2**	✳ n-II, ✳² III-n
3	-0.6	3.2	-0.2	0.8	-3.0	705.8	710.4	712.7	98	62	85	W 0	S 0-1	N 0	9*	4	0	.	✳° I, ☋ III
4	-1.6	5.9	0.7	1.7	-2.3	709.8	709.4	713.3	94	42	82	S 0	SE 0	SW 0	9	2	3	.	
5	0.2	7.8	2.6	3.5	-0.6	715.0	714.7	716.6	61	29	43	NE 0	NE 4	NE 0-1	2	1	0	.	⸙ II
6	0.0	6.0	1.8	2.6	-1.6	714.3	712.0	712.9	48	31	61	NE 0-1	E 0	E 0	1	0	0	.	
7	**-2.6**	4.9	2.2	1.5	-2.9	713.0	712.5	712.2	85	41	63	NE 0-1	SE 0-1	NE 0-1	2	0	0	.	⊔ I
8	-1.0	8.5	3.3	3.6	-0.9	713.4	713.5	715.8	86	35	73	SE 0-1	NW 0	NE 0-1	0	1	0	.	⊔ I
9	-0.9	8.3	4.2	3.9	-0.8	712.4	715.5	716.9	74	31	52	NE 0-1	E 0	E 0	0	1	0	.	⊔ I
10	-1.6	8.8	4.8	4.0	-0.8	719.3	718.4	719.3	77	34	52	E 0-1	SE 0-1	E 0	1	1	0	.	⊔ I
11	1.0	8.8	4.4	4.7	-0.2	720.3	717.8	717.1	75	31	52	E 0-1	S 0-1	NE 0-1	0	0	0	.	⊔ I
12	-0.4	9.8	5.4	4.9	-0.2	717.5	715.6	716.3	79	30	44	E 0-1	SE 0-1	E 0-1	0	1	0	.	⊔ I
13	0.4	9.2	5.4	5.0	-0.2	720.0	716.9	716.4	68	31	49	NE 0-1	SE 0-1	SE 0-1	0	0	0	.	⊔ I, ⸙ 14-16
14	-0.6	10.2	5.4	5.0	-0.4	713.9	710.4	710.7	74	33	58	NE 0	NW 0-1	NW 0-1	2	6	0	.	⊔ I
15	3.0	8.0	4.8	5.3	-0.2	712.1	713.7	715.9	89	38	33	NE 3	S 0-1	E 0-1	10●	9	1	.	⸙ ●° I, ⸙ 15-20
16	1.4	10.1	2.8	4.8	-0.9	716.7	714.6	714.7	51	33	41	NE 0-1	SW 0	NE 0-1	1	5	5	.	
17	3.1	12.9	7.8	7.9	2.1	715.0	713.6	716.0	63	34	49	NE 0-1	S 0-1	NE 0-1	2	2	0	.	
18	2.0	12.9	8.2	7.9	1.9	719.3	718.8	720.5	71	33	46	NE 0-1	S 0-1	N 0-1	0	0	0	.	
19	2.6	13.9	9.7	8.7	2.6	721.1	718.6	717.3	67	**28**	52	NE 0-1	S 0-1	NE 0-1	10	9	10●	4.6	≡° II, ● 21½-n
20	5.3	11.3	6.2	7.6	1.3	718.3	718.2	719.5	84	38	72	S 0	SW 1-2	SW 0-1	10	10	10	.	
21	4.9	12.0	7.0	8.0	1.6	722.5	722.0	723.8	86	29	57	E 0	E 0	SW 0-1	9	1	0	.	
22	1.7	12.7	8.0	7.5	0.9	**723.9**	720.7	721.5	85	37	59	NE 0-1	S 1	SW 0-1	1	6	0	.	☋ III
23	2.6	13.0	9.2	8.3	1.6	721.2	719.8	719.6	94	42	53	NE 0	S 1	E 0	8	7	0	.	
24	8.8	15.4	10.8	11.7	4.8	719.2	716.8	716.5	90	37	55	NE 0-1	S 1-2	NE 1-2	0	1	6	.	
25	4.2	**16.7**	8.8	9.9	2.9	714.7	710.0	708.3	80	42	81	NE 0-1	SW 1-2	SW 0-1	0	5	7	0.8	△ I, ⸙ 15-19½, ●° 16
26	5.9	9.4	2.1	5.8	-1.4	705.8	703.3	711.3	65	31	50	SW 4	SW 4	SW 0	5	4	1	.	⸙ 6-II
27	-0.4	8.4	3.3	3.8	-3.5	714.9	711.8	712.7	59	34	41	N 0	S 1	SW 0	0	0	0	.	
28	-0.4	11.0	6.2	5.6	-1.9	713.7	710.6	708.9	67	38	43	NE 0	S 1	N 0-1	3	2	6	1.3	
29	4.2	10.4	7.0	7.2	-0.4	709.1	708.6	709.9	100	59	45	NE 0	S 0-1	SW 0	10	2	10	3.4	● 5½, 10
30	4.1	12.8	6.3	7.7	-0.1	710.5	707.4	709.6	86	32	97	W 0-1	SW 0-1	W 0	4	10	10	5.5	● 17
31	4.7	11.6	7.5	7.9	0.0	711.7	711.1	706.3	87	52	71	NE 0-1	S 1-2	SW 0	6	10	0	.	
																		Summe	
Mittel	1.6	9.6	5.0	5.4	—	714.4	713.3	714.1	79	40	60				4.0	3.9	2.9	44.2	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

März 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.0	5.4	4.6	4.7	−0.3	727.7	726.7	726.7	92	72	88	N 0	NE 0	N 0	10	10●	10●	43.2	●, ⸙ 15½–17½, n ●²
2	5.0	5.0	3.4	4.5	−0.6	726.9	726.9	726.2	80	82	95	NE 1	NE 1	N 0	10●	10●	10●	82.0	●²
3	2.4	3.8	3.0	3.1	−2.1	733.0	736.0	735.3	95	75	85	NW 0	NNE 0	N 0	10	10●	10	5.5	⸜ ●²-3½, ●° 13-13½, n ●
4	1.4	5.6	2.0	3.0	−2.4	735.8	735.8	739.5	92	75	90	NW 0	SW 0	N 0	10●	10●	10●	13.8	a ●°, p n ●
5	1.0	8.6	3.8	4.5	−1.0	743.7	743.4	742.1	78	40	65	N 0	E 0	N 0	0	6	0	.	
6	1.6	7.4	6.0	5.0	−0.6	738.8	738.2	738.8	68	45	60	N 0	W 0	W 0	10	10	10	.	
7	2.2	9.8	8.6	6.9	1.1	737.8	736.0	735.7	85	50	78	N 0	SE 0	N 0	0	10	10	5.2	n (⁷ s) ●
8	4.4	6.2	3.0	4.5	−1.4	740.0	741.0	741.4	90	72	85	N 0	W 0	N 0	10	10	0	0.4	a ●°
9	0.8	10.8	6.2	5.9	−0.1	742.2	741.6	741.9	85	42	70	N 0	E 0	N 0	0	0	0	.	
10	3.6	12.6	6.0	7.4	1.3	743.0	742.4	742.7	78	40	60	N 0	SE 0	N 0	0	0	0	.	
11	2.4	11.6	6.0	6.7	0.4	743.5	741.9	742.0	75	40	60	N 0	SE 0	N 0	0	0	0	.	
12	3.6	9.6	5.4	6.2	−0.2	741.4	740.7	741.4	80	50	60	N 0	SE 0	N 0	0	6	0	.	⊔ ⊔]
13	3.0	16.0	5.0	8.0	1.4	741.9	740.1	738.5	62	25	55	N 0	S 0	N 0	0	0	0	.	⊔]
14	3.0	14.0	7.0	8.0	1.3	735.6	734.8	737.4	65	35	82	N 0	SE 0	N 0	0	0	10	11.0	⊔], n ● ✳
15	0.8	2.8	2.2	1.9	−4.9	740.8	742.8	743.1	95	85	92	N 0	SE 0	N 0	10✳	10●	10	9.0	a ● ✳, p ●
16	2.0	7.6	4.6	4.7	−2.3	744.8	744.2	742.4	90	45	80	N 0	SW 0	N 0	8	10	0	.	
17	2.0	12.4	6.8	7.1	0.0	742.3	741.2	742.4	75	35	90	N 0	SE 0	N 0	0	0	4	.	
18	1.8	15.6	9.0	8.8	1.6	743.6	743.3	744.0	80	32	80	N 0	S 0	N 0	0	0	0	.	
19	4.6	15.6	12.2	10.8	3.4	**745.4**	743.6	741.1	70	35	88	N 0	SE 0	N 0	0	0	10	.	
20	6.8	12.2	8.4	9.1	1.6	740.7	740.3	742.4	85	32	82	N 0	N 0	N 0	2	8	10	.	
21	5.0	16.4	14.2	11.9	4.3	745.1	744.8	744.6	90	35	58	N 0	SE 0	NE 1	0	0	6	.	
22	7.0	**19.0**	11.8	12.6	4.8	744.4	741.5	743.1	48	25	30	N 0	SE 0	NE 1	0	0	0	.	
23	7.4	17.8	8.6	11.3	3.4	745.2	743.5	742.9	70	30	60	N 0	SE 0	N 0	9	0	0	.	
24	6.5	18.6	10.6	11.9	3.8	743.4	742.0	740.1	75	30	50	N 0	SE 0	N 0	0	0	0	.	
25	6.2	17.2	9.0	10.8	2.6	736.1	732.3	730.1	80	40	70	N 0	SE 0	N 0	0	0	0	.	
26	6.2	14.0	5.8	8.7	0.4	**726.1**	728.0	734.2	90	**15**	20	N 0	NE 2	NE 2	0	0	0	.	⸙
27	**−0.2**	10.6	3.0	4.5	−4.0	737.0	735.5	737.0	30	40	60	NE 2	S 0	N 0	0	0	0	.	⸙ n–11½
28	2.4	8.6	1.8	4.3	−4.3	738.9	737.2	737.2	52	40	60	N 0	SE 0	N 0	10	0	0	.	
29	2.0	7.4	2.6	4.0	−4.7	735.7	734.3	735.0	72	45	68	N 0	S 0	N 0	10	10	0	.	
30	0.4	12.8	7.6	6.9	−2.0	735.1	732.7	732.7	80	40	60	N 0	SE 0	NW 0	0	0	10	.	
31	4.8	10.2	7.0	7.3	−1.7	732.5	732.3	734.1	75	60	95	NW 0	SE 0	NW 0	10✳	8	10●	9.5	● 16½–n
Mittel	3.4	11.1	6.3	6.9	—	739.0	738.2	738.6	77	45	70				3.8	4.1	4.2	Summe 179.6	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

März 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	1.2	2.2	−0.4	1.0	−2.5	726.8	726.9	727.5	90	72	100	N 1	NW 1	SW 1	10●	10	10	11.0	≡°], ●4–9, ●✳–11, *) △
2	0.2	0.4	1.0	0.5	−3.1	**725.2**	726.4	726.4	96	96	96	W 0	W 1	SW 1	10	10	10≡	1.3	✳ 6-7, p ≡°, ● 16-19½, ⊠
3	0.4	3.4	2.2	2.0	−1.7	730.4	734.1	735.6	100	73	82	S 0	W 0	W 0	6	8	10	3.5	[23-2, ≡ ||| ⊠
4	0.6	2.8	0.8	1.4	−2.5	733.0	733.2	736.3	100	93	93	S 0	NE 0	N 1	10✳	10	3	0.9	✳ 1–8, ●°–10½, ⊠
5	0.0	5.6	2.4	2.7	−1.3	739.0	739.0	738.9	93	75	93	SE 1	NW 1	S 0	4	5	0	.	⊔] [●° ✳°–11½, ●°-15
6	−0.2	4.7	2.6	2.4	−1.7	737.2	735.9	736.6	97	78	89	E 1	W 1	S 0	10≡	4	0	.	≡ n–11
7	1.0	5.2	4.0	3.4	−0.8	737.3	737.0	736.2	93	78	83	S 0	N 0	E 0	10	10	10	.	≡°]
8	−0.4	9.4	4.2	4.4	0.0	736.6	737.3	738.7	89	57	83	W 0	E 1	SE 1	3	4	0	.	
9	0.2	10.6	5.0	5.3	0.8	740.9	740.1	740.1	93	52	87	E 1	N 1	W 0	3	2	0	.	≡° ⊔]
10	0.2	11.4	4.8	5.5	0.9	741.6	741.5	742.7	89	53	78	SE 1	NW 0	SW 0	4	1	0	.	⊔]
11	0.2	11.4	5.6	5.7	1.0	743.0	741.5	740.5	86	48	70	E 1	N 1	SE 1	4	1	0	.	⊔ ⊔]
12	0.8	12.0	5.3	6.0	1.1	739.9	738.9	740.2	85	41	75	SE 1	E 1	SE 0	4	1	0	.	⊔ ⊔]
13	0.2	11.3	5.8	5.8	0.8	742.6	741.5	740.2	89	45	82	SE 1	W 1	S 0	2	1	0	.	⊔ ≡°]
14	1.8	11.6	4.2	5.9	0.8	737.7	735.7	736.6	85	52	53	SE 1	SE 1	E 1	8	8	1	.	[✳°–15
15	1.0	1.0	1.8	1.3	−4.5	735.7	735.4	736.0	66	82	85	E 1	E 1	E 1	8	10✳	2	0.5	✳° 12-13, ●° △° 13, ⊠
16	−0.6	10.8	5.6	5.3	−0.1	738.1	737.0	736.8	85	35	70	S 1	E 2	SE 1	2	2	0	.	
17	0.8	12.2	6.2	6.4	0.9	738.6	737.5	739.0	85	46	76	SE 1	N 1	S 1	2	2	1	.	⊔]
18	2.0	13.8	7.0	7.6	1.9	742.1	742.3	743.5	79	45	71	S 1	N 1	S 1	2	1	0	.	☋ 20
19	3.5	15.2	9.6	9.4	3.6	742.9	740.9	739.2	77	39	76	S 1	N 0	W 1	8	8	10●	0.5	●☽ 16–17, 21–23
20	7.5	8.6	6.8	7.6	1.7	741.1	742.0	744.9	70	65	85	SW 2	SW 1	S 0	8	10	10	0.1	●° 16
21	5.8	11.0	6.5	7.8	1.7	748.0	748.3	**748.9**	91	59	79	W 1	W 0	W 0	10	9	1	.	
22	2.0	10.8	8.8	7.2	1.0	748.8	747.7	746.9	89	59	71	S 1	W 1	E 0	7	10	7	.	≡°]
23	4.6	13.5	11.1	9.7	3.4	746.4	745.4	744.1	90	56	72	E 1	W 1	SE 1	10	2	1	.	
24	4.4	16.6	10.6	10.5	4.0	742.7	741.2	739.1	93	43	68	SE 1	W 0	SW 0	5	0	0	.	
25	4.4	**16.8**	8.5	9.9	3.3	736.7	733.5	732.8	87	36	59	E 1	W 1	W 1	5	4	7	.	≡°]
26	2.0	5.4	1.5	3.0	−3.7	734.1	735.2	738.4	64	**30**	77	NW 1	N 3	E 1	7	7	9	.	⸙ ||, ✳° 17½–20
27	**−3.8**	3.6	2.0	0.6	−6.2	740.5	739.8	738.6	82	32	36	W 1	N 1	W 1	2	1	2	.	⊔], ⊕ 18, ☋ 20–24
28	1.6	9.8	5.0	5.5	−1.5	736.4	734.2	731.1	57	**30**	70	SE 1	SE 1	SE 1	8	6	2	0.5	
29	7.6	10.4	5.8	7.9	0.8	730.8	731.3	732.4	65	41	91	W 2	SW 2	SW 1	10●	7	10●	6.5	● 4–5½, 7½–8, 14½–22
30	5.4	13.0	7.0	8.5	1.3	732.6	729.6	727.8	94	44	91	S 1	NW 1	NW 1	10	7	10●	7.0	● 2½–8, 16½–23
31	7.2	11.8	9.4	9.5	2.2	727.1	728.0	728.1	89	65	77	NW 1	S 1	SW 1	10	10	10●	0.7	● 2½–3, ●° 9–13, 21½–22
Mittel	2.0	9.2	5.2	5.5	—	737.9	737.4	737.5	86	55	78				6.5	5.5	4.1	Summe 32.5	*) 1. ✳–12, 14½–2

März 1918
Observatorium.

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$.
$Hb = 2500.1^{m}$, $G = -0.16\,^{m}/_{m}$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-9.2	-9.2	-8.5	-9.0	-0.5	548.9	**548.3**	548.4	92	94	98	SSE 1	SE 1	SE 2	9	10*	10*	2.9	☰ ✳ ⊹ 8-n
2	-8.3	-6.2	-6.2	-6.9	1.6	549.1	550.4	550.1	98	86	82	E 2	SE 2	E 2	9	9	7	1.9	⊹ ✳
3	-8.3	-8.2	-9.5	-8.7	-0.3	551.8	554.8	555.6	98	82	97	SSW 1	SSW 3	ENE 0	10≡	8	10*	1.6	≡ n-8, ⊹ n-14, ✳ 20-n
4	-9.8	-8.6	-10.2	-9.5	-1.1	553.4	554.6	557.0	98	87	85	WSW 1	SSW 1	WNW 2	7	4	9	.	⊹ n-15
5	-11.4	-7.3	-8.2	-9.0	-0.7	559.1	560.5	560.5	84	76	70	ENE 3	SSW 1	E 3	2	6	7	.	⊹ a, 18-n
6	-7.2	-5.0	-4.5	-5.6	2.7	558.8	558.5	559.3	80	78	82	ENE 1	E 1	ESE 1	8	9	9	.	⊕ 10¹/₂
7	-5.2	-3.5	-9.0	-6.6	1.6	558.6	558.0	556.7	83	82	84	N 0	W 0	WSW 3	6	4	10	1.4	n 10¹/₂, ✳
8	-8.0	-5.5	-6.9	-6.8	1.4	558.0	559.8	561.0	81	88	71	SW 1	S 1	W 0	8	2	1	.	
9	-7.3	-4.8	-7.3	-6.5	1.6	561.8	562.0	562.0	87	90	87	NE 0	NE 0	SSE 1	9	9	1	.	≡° II, ≡ 15¹/₂-18
10	-7.8	-5.1	-8.1	-7.0	1.1	562.2	563.3	563.8	86	90	90	W 0	SSW 1	N 1	1	7	2	.	
11	-8.4	-6.4	-8.4	-7.7	0.3	563.1	563.1	562.2	95	90	85	NW 0	E 0	ENE 0	4	8	2	2.4	≡ 8-8¹/₂, 15¹/₂-17,
12	-8.2	-6.0	-7.4	-7.2	0.7	561.0	561.4	562.2	78	80	98	SW 1	SSE 0	NNE 1	1	1	1	.	✳ 14-18
13	-7.3	-5.6	-7.6	-6.8	1.1	562.7	563.1	562.2	60	70	97	NE 2	E 1	NNE 2	1	1	2	.	≡ 16¹/₂-21
14	-8.9	-5.4	-9.1	-7.8	0.0	559.1	558.4	557.1	92	85	87	NNE 1	ENE 1	ENE 0	7	7	2	2.8	≡ n-14
15	-8.4	-9.4	-7.5	-8.4	-0.6	555.1	556.9	559.4	98	94	70	WSW 2	SSW 2	WSW 1	10≡*	10≡*	2	1.7	✳ n-9¹/₂, 12¹/₂-14,
16	-7.6	-4.4	-4.4	-5.5	2.2	560.1	560.6	561.0	72	76	70	SSW 2	SSW 1	ESE 1	1	1	1	.	
17	-4.0	-2.7	-5.4	-4.0	3.6	561.2	561.6	562.6	57	68	76	NW 0	NE 0	SSE 0	1	1	1	.	
18	-5.4	-3.3	-4.6	-4.4	3.1	563.8	565.7	566.6	38	75	38	NW 1	S 0	NE 1	1	1	1	.	
19	-3.9	-1.8	-4.7	-3.5	4.0	565.7	565.0	563.1	**29**	60	90	WNW 1	SSW 1	WSW 1	6	7	9	7.5	10¹/₂-n, \
20	-7.6	-7.0	-7.4	-7.3	0.1	561.6	562.8	564.5	98	88	100	W 3	WSW 1	WSW 1	10-*	6	10-	2.4	✳ ⊹ n-1, ≡ n-12,
21	-7.9	-5.4	-7.6	-7.0	0.3	566.3	567.7	**568.5**	90	87	100	NE 0	W 0	NNW 1	4	9	10-	.	≡ 17-18, 21-n
22	-5.5	-5.2	-5.7	-5.5	1.7	567.6	567.4	567.4	55	90	100	NNE 3	NNE 2	NE 3	0	9	10-	0.3	✳° 15-16, ≡ 14-16¹/₂,
23	-4.2	-2.3	-4.5	-3.7	3.4	567.0	567.8	567.0	100	100	90	ENE 1	ENE 2	E 3	10≡	10≡	3	.	≡ n-18 10¹/₂-n
24	-1.5	**0.4**	-1.8	-1.0	6.0	565.6	566.1	564.7	71	70	76	ESE 0	SE 0	W 0	2	1	3	.	☋ III
25	-2.4	-3.1	-5.7	-3.7	3.3	560.8	558.8	555.8	100	98	98	WSW 2	W 2	NW 2	10≡	10≡	10	6.9	≡ n-14¹/₂, ⋁°, ✳ 20-21
26	-12.5	-13.5	-16.5	-14.2	-7.3	552.4	553.2	554.9	98	95	96	NW 0	NW 0	NW 1	10≡*	10≡*	10-*	6.8	✳ n-14, 16-n, ≡ n-III
27	**-16.8**	-14.5	-14.1	-15.1	-8.3	555.3	556.5	556.9	65	80	60	W 1	SW 2	WSW 3	0	3	9	.	⊹° 17-n
28	-9.9	-7.0	-6.9	-7.9	-1.2	556.2	557.1	556.2	80	84	79	WSW 3	WSW 3	WSW 3	9	2	3	2.6	⊹ 16-n [≡ ⊹², ✳² 15¹/₂-n
29	-7.6	-6.4	-9.2	-7.7	-1.1	553.5	554.2	554.3	100	98	100	WSW 3	SW 3	NW 3	10-*	10≡	10-*	**24.1**	✳ ⋁ n-10, ⸝ 10¹/₂,
30	-8.7	-6.8	-5.2	-6.9	-0.4	554.3	554.4	552.9	100	97	100	WSW 3	SW 2	WSW 3	10≡*	3	10-*	10.6	✳ ≡ n-10¹/₂, a ⊹² \ *)
31	-6.6	-4.2	-5.2	-5.3	1.0	553.1	554.3	554.6	97	98	90	WSW 4	WSW 3	SSW 2	4	9	3	.	a ⸝
																		Summe	
Mittel	-7.6	-6.0	-7.3	-7.0	—	558.9	559.6	559.6	83	85	85				6.1	6.0	5.7	75.0	*) **30.** ≡° ⸝ 10¹/₂, ≡ ✳ 18-n

März 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$.
$Hb = 2102.9^{m}$, $G = -0.14\,^{m}/_{m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-6.5	-4.9	-9.7	-7.0	-0.4	577.3	576.5	576.8	92	94	90	S 2	S 3	N 0-1	10*	10*	10*	**62.8**	✳², ⸝ II
2	-5.0	-4.2	-4.5	-4.6	2.0	**576.3**	577.5	577.0	100	100	100	E 3	E 4	E 4	10*	10*	10*	41.6	⸝ I, ✳² ⸝
3	-7.8	-1.8	-9.2	-6.3	0.2	580.8	583.9	584.3	100	100	92	S 1-2	S 2	S 0	10*	10*	10	39.0	✳² n-16, ≡ III
4	-8.5	-4.5	-7.7	-6.9	-0.5	582.0	584.3	586.3	90	68	88	S 1	S 1-2	S 2	10*	10*	10*	21.3	✳²
5	-8.9	-5.0	-8.6	-7.5	-1.1	589.8	590.7	590.3	89	85	64	S 2	S 2	S 0	10≡	10*	0	9.3	≡ I, ✳-15
6	-9.4	0.6	-4.9	-4.6	1.7	588.0	587.7	588.3	40	40	69	S 0	S 1	S 0	5	6	5	0.5	✳°
7	-4.2	-3.0	-5.4	-4.2	2.0	586.9	586.4	585.7	64	63	86	NE 2	N 2	N 1	1	3	8	0.5	✳°
8	-5.4	-3.0	-7.9	-5.4	0.7	587.5	589.4	590.0	95	98	64	S 1	S 0	S 0	10-	10≡	0	.	— n-15
9	-7.4	-0.4	-8.4	-5.4	0.7	591.8	591.0	591.0	52	52	73	NE 0	S 0-1	S 0	0	1	0	.	
10	-5.6	-2.4	-6.4	-4.8	1.2	591.3	592.0	592.9	49	50	69	N 2	N 0-1	N 2	0	0	0	.	
11	-7.4	-2.2	-7.2	-5.6	0.3	592.2	592.3	591.5	60	45	62	N 1	N 0-1	N 0-1	0	0	0	.	
12	-6.3	-0.1	-7.0	-4.5	1.4	591.0	591.8	591.2	80	60	61	NE 0	SE 0	SE 0	6	8	0	.	— n-15
13	-7.5	-2.4	-6.9	-5.6	0.2	591.3	591.3	590.8	34	33	64	NE 1-2	N 1-2	N 2-3	0	0	0	.	⸝ III
14	-6.1	-1.6	-4.0	-3.9	1.8	587.9	586.8	586.1	64	55	74	N 2	N 1	N 0-1	2	4	2	1.1	≡ 18-n, n ✳
15	-8.4	-6.4	-8.8	-7.9	-2.3	586.2	588.0	590.0	90	80	90	S 3	S 1	S 2	10*	10*	10*	10.2	⸝ I, ✳
16	-8.7	-5.2	-6.2	-6.7	-1.2	590.9	591.4	591.3	88	92	91	S 1	S 1	S 1	10*	10≡	10-	0.9	✳ n-1, [illegible]-n
17	-5.8	-0.2	-2.8	-2.9	2.6	590.4	590.8	592.5	75	50	84	S 0	S 0	S 0	0	0	10-	.	≡ 10¹/₂-n
18	-3.8	0.2	-3.2	-2.3	3.1	593.3	594.4	596.5	49	45	40	N 0	N 1	N 1	0	0	0	.	
19	-3.2	3.1	-2.8	-1.0	4.3	595.0	594.5	593.8	39	**29**	79	S 0	S 1	S 1	0	5	10	2.4	n 10¹/₂, 20¹/₂ ✳
20	-5.2	-3.1	-4.9	-4.4	0.8	591.7	591.9	593.2	92	65	94	N 1	N 2	N 2	10	10	10-	1.9	≡ I, III-n, ✳
21	-5.[illegible]	-3.6	-4.8	-4.5	0.6	595.4	596.8	**597.5**	93	94	95	N 1	N 2	N 3	10-	0	10-	.	⸝² I, [illegible] ⸝ [illegible]-n
22	-3.4	-2.6	-3.2	-3.1	1.9	599.2	595.8	**597.5**	49	70	98	N 3	N 3	N 1	0	3	10	.	⸝ n-II, p [illegible]
23	-2.[illegible]	2.1	-1.2	-0.4	4.5	590.3	596.2	596.0	53	44	80	N 1	N 1	N 1	8	5	4	.	
24	-0.4	4.4	0.4	1.5	6.3	594.9	595.3	593.7	51	45	52	N 0	N 0	N 0	0	0	0	.	
25	-1.4	1.5	-1.6	-0.5	4.2	589.1	587.2	584.3	59	68	65	N 2	N 1	N 2	0	5	10*	13.4	✳ 15¹/₂-n
26	-8.8	-8.6	-12.6	-10.0	-5.4	579.9	581.3	584.4	90	69	82	N 3	N 3	N 3	10*	10*	8	7.8	✳ n-16, ⸝
27	**-15.6**	-11.2	-11.2	-12.7	-8.2	585.2	585.5	585.9	80	84	83	N 2	N 2	N 3	0	0	0	.	⊹, ⸝ II.
28	-7.5	-1.9	-6.8	-5.4	-1.0	585.6	585.9	586.1	56	40	90	N 2	N 1	N 0	0	0	.	.	
29	-6.4	1.4	-5.8	-3.6	0.7	583.2	583.4	584.2	91	50	81	N 0	S 0	N 1	10-	2	10	.	[illegible]-n, 21-n
30	-5.2	1.9	-4.7	-2.7	1.5	584.1	583.9	583.1	69	38	95	N 1	S 1	S 2	3	3	10*	0.2	✳ 18-n
31	-6.2	3.6	-3.0	-1.9	2.2	582.0	583.5	584.4	86	41	88	S 1	S 1	S 2	0	10	10*	8.3	✳ 19-n
																		Summe	
Mittel	-6.2	-1.9	-5.8	-4.7	—	588.2	588.6	588.9	72	63	79				4.9	5.[illegible]	5.7	232.[illegible]	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

April 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.2	8.4	7.5	6.7	0.5	699.7	700.6	702.4	96	83	96	ENE 0	SW 0	W 0	10≡	10	9	2.6	≡ I, ●° 14½–15
2	4.4	8.4	3.9	5.6	−0.7	707.9	711.5	713.2	87	71	92	SW 2	W 2	W 0	10	9	1	2.4	● ⸗ n–II
3	2.0	12.5	6.8	7.1	0.6	712.8	711.6	710.3	95	38	91	S 0	W 0	E 0	1≡	4	5	.	⊔ ≡ I, ●° 18
4	3.7	13.3	8.9	8.6	2.0	708.2	706.6	708.0	92	51	83	S 0	W 0	W 0	9	9	3	.	
5	6.4	13.0	8.0	9.1	2.4	709.9	710.3	712.1	96	75	97	SSE 0	N 0	SE 0	10	8	10	1.2	⊼ ●° 17
6	7.0	13.3	8.0	9.4	2.5	713.7	713.1	712.2	99	68	98	SE 0	S 0	SW 0	10●	8	8	6.6	● n–I, 17–18
7	7.2	11.5	4.6	7.8	0.8	708.8	706.6	706.0	98	58	97	SW 0	NE 0	W 1	9	8	1●	2.9	● 16–n
8	3.9	8.0	6.2	6.0	−1.1	705.6	705.7	704.9	95	73	92	SW 0	NE 0	NW 0	10	9	10	0.2	n (8/9) ●
9	5.4	13.4	8.1	9.0	1.7	699.2	698.6	699.2	95	56	89	NE 1	SW 1	SW 0	8	7	8	.	
10	5.6	12.7	7.7	8.7	1.3	698.9	699.0	704.0	97	60	86	NE 0	SW 0	W 0	10	10	10	.	⊿ I
11	4.8	15.7	12.1	10.9	3.3	707.8	708.3	710.0	97	34	71	SW 0	SW 0	SE 0	1≡	6	8	1.0	⊿ ≡ I, n ●
12	7.5	15.8	11.2	11.5	3.8	711.3	709.6	707.1	88	49	82	S 0	E 0	E 0	9	7	4	.	
13	7.7	15.0	11.1	11.3	3.4	703.4	701.8	699.5	95	54	93	NE 0	NW 0	S 0	8	10	7	.	⊿ I
14	9.3	**16.8**	12.5	12.9	4.9	697.9	**697.3**	698.2	93	48	81	S 0	NE 0	W 0	7	7	4	1.0	∠ 20–21, n ⊼ ●
15	8.9	14.2	8.3	10.5	2.4	701.1	701.8	704.5	95	58	91	W 1	SW 1	W 0	10	9	10	0.5	
16	5.6	8.7	5.9	6.7	−1.6	707.1	708.1	709.4	98	74	95	W 0	SW 0	N 0	10●	10	10	0.5	●° n–II, III
17	5.0	10.5	7.6	7.7	−0.7	709.5	709.0	708.6	98	62	93	NE 1	NE 0	NE 0	9	10	9	.	
18	6.5	12.0	9.3	9.3	0.8	706.2	704.3	701.9	95	62	92	SE 0	NE 0	E 0	10	10	10	18.5	n (18/19) ●
19	1.1	2.3	0.8	1.4	−7.3	702.0	703.1	703.4	100	85	95	SW 0	E 1	NE 0	10*	10	10	1.2	⸗ ✳ n–12, p ⸗°
20	**0.6**	3.0	2.3	2.0	−6.8	703.6	704.8	705.0	99	85	93	NE 1	NE 1	E 0	10	10	9	0.3	n (20/21) ●°
21	1.3	2.0	1.0	1.4	−7.6	704.9	704.9	706.0	100	93	100	NE 0	NE 0	W 1	10●	10*	10●	10.0	a ●°, ⸗ ✳ ● 13–n
22	0.8	4.3	2.4	2.5	−6.6	704.7	705.4	707.9	99	91	95	SW 0	W 0	SW 0	10*	10	10●	4.6	✳ n–1[illegible], ●–12, III–n ✳
23	2.2	7.3	4.9	4.8	−4.4	708.7	708.2	708.0	78	79	93	N 0	NE 1	NE 0	10●	10	8	0.1	●° n–9½
24	2.3	9.2	4.0	5.2	−4.2	708.6	708.6	710.1	98	60	97	SW 0	SW 0	NE 0	10	9	2	.	⊍ III
25	3.3	13.7	7.2	8.1	−1.4	712.6	712.2	713.7	96	39	95	E 0	WSW 0	SW 0	2≡	6	3	0.7	⊔ ≡ I, ●° 18½–19, ◠ 18½
26	5.3	16.2	10.0	10.5	0.9	**714.3**	713.1	712.9	81	**27**	73	S 0	W 1	S 0	1	2	7	.	⊿ I
27	6.1	15.0	9.4	10.2	0.4	712.2	710.8	711.3	87	46	87	SE 0	N 1	E 0	8	9	9	1.8	
28	7.5	9.3	8.4	8.4	−1.5	709.9	709.1	708.9	97	91	97	NE 0	ENE 0	NE 0	10●	10	8	2.1	● n–p
29	8.3	12.8	10.7	10.6	0.6	708.1	706.7	706.5	96	70	95	NE 0	NE 0	W 0	10	10	10	1.1	n (29/30) ●
30	9.0	11.3	7.7	9.3	−0.9	707.9	709.1	711.4	91	69	98	W 0	NW 1	SW 0	10	10	10●	**23.8**	●² 18½–n
Mittel	5.1	11.0	7.2	7.8	—	706.9	706.7	707.2	94	63	91				8.4	8.6	7.7	Summe 83.1	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

April 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.6	7.6	7.5	6.9	−0.8	707.6	708.4	710.2	97	90	89	N 1	SW 0	W 1	10	10	10●	2.5	●° 13, ● III–n
2	4.2	6.7	4.7	5.2	−2.6	715.4	719.4	720.8	90	86	86	SW 3	W 2	N 1	10●	9	1	0.5	●° ⸗ n–13
3	2.4	11.9	8.0	7.4	−0.6	720.6	719.5	717.8	93	61	72	NE 1	SE 1	N 1	3	7	6	.	p ≡°
4	4.1	10.3	8.8	7.7	−0.4	716.1	714.0	715.6	90	67	79	NE 1	NE 1	SW 1	9	10	10	0.1	●° 12½–n
5	6.5	9.1	8.6	8.1	−0.1	717.6	718.3	719.7	95	96	86	NW 1	NW 0	NW 1	10●	10●	9	5.3	● n–14
6	6.8	11.8	7.4	8.7	0.3	721.3	720.9	719.8	98	83	97	W 0	W 0	NW 1	10●	9●	8	8.5	● n–18½, ≡ 8
7	7.3	12.7	5.1	8.4	−0.1	716.2	714.2	714.6	79	61	89	NE 0	SW 1	NW 1	10	10	10●	2.5	p ⸗, ● 18–n
8	4.6	8.2	6.8	6.5	−2.2	713.4	713.3	712.6	91	75	79	NE 1	SW 1	N 1	10	10	10	.	
9	6.1	10.1	7.2	7.8	−1.0	707.0	707.0	707.1	86	77	90	E 1	SW 1	N 1	10	8	7	.	
10	5.5	11.7	8.6	8.6	−0.3	706.5	706.9	711.5	94	67	74	N 1	SW 1	NW 1	9	10	8	.	●° 17–18
11	5.6	15.1	12.0	10.9	1.8	715.4	715.9	717.1	91	54	66	NE 1	S 1	N 1	2	6	4	1.8	≡° II, n ⊼ ●
12	7.8	15.6	11.5	11.6	2.4	718.9	717.2	714.4	94	60	74	N 1	SE 1	NW 1	8	4	10	.	a ●°
13	10.4	15.6	12.6	12.9	3.6	711.0	709.3	706.7	81	62	75	SE 1	SE 1	NW 0	8	10	10	.	≡° I
14	10.6	**19.5**	12.4	14.2	4.7	705.2	**704.6**	705.6	84	55	79	NE 1	N 1	NW 1	8	7	9	11.2	≡° II, ∠ III, ⊼ ● 22–n
15	8.3	12.3	9.2	9.9	0.3	708.7	709.4	712.0	93	72	72	W 1	W 1	NW 1	9	9	10	2.0	● n–6, ⸗ 16–III
16	5.4	8.8	6.8	7.0	−2.7	714.7	715.9	717.0	88	82	77	W 1	NW 1	N 1	10●	9	10	1.3	● n–11
17	5.8	11.7	8.9	8.8	−1.1	717.2	716.7	716.3	92	64	81	NE 1	NE 1	NE 0	10	10	10	.	
18	7.4	12.8	10.8	10.3	0.3	713.8	712.2	709.4	91	70	69	NE 0	NE 1	N 1	10	10	10	7.4	
19	3.5	4.1	2.7	3.4	−6.7	709.8	710.8	711.3	95	79	76	NE 1	NE 1	NE 1	10●	10	10	0.2	● n–8 ⸗
20	**1.6**	6.3	3.8	3.9	−6.4	711.6	712.4	713.3	93	67	87	NE 0	E 2	NE 1	10*	9	10●	1.9	✳° n–11, ● 21–n
21	2.4	2.1	1.8	2.1	−8.3	712.7	712.8	713.9	96	93	98	E 1	E 1	NW 1	10●	10*	10●	9.9	a ●°, ● ✳° 13–n
22	**1.6**	3.1	3.2	2.6	−7.9	712.5	713.3	715.4	98	95	97	NW 1	W 1	W 1	10●	10●	10●	7.2	● ✳°, n ●°
23	3.4	7.8	4.2	5.1	−5.6	716.1	715.9	715.8	91	72	88	NE 1	E 1	NE 1	7	9	7	.	≡° III
24	4.4	9.8	4.6	6.3	−4.5	716.0	716.0	717.6	93	67	88	E 1	SW 1	NE 0	10	10	3	.	
25	3.5	13.7	7.0	8.1	−2.9	720.2	719.9	721.3	95	58	83	NE 1	SE 1	N 1	5	2	0	.	≡ I
26	5.2	16.8	10.0	10.7	−0.4	**722.0**	720.8	720.1	84	54	61	NE 1	SW 1	N 1	0	2	0	.	
27	7.2	15.8	8.8	10.6	−0.6	719.8	718.4	718.8	83	**46**	92	NE 1	SE 1	N 0	5	9	6	2.2	⸗ 15–19½, ● 19–20
28	8.4	11.0	9.8	9.7	−1.6	717.4	716.6	716.5	95	83	75	NE 0	NE 0	NW 1	10	10	5	3.0	● n–13
29	7.8	13.8	12.2	11.3	−0.2	715.5	714.3	714.0	94	70	68	NE 1	NE 1	N 2	9	10	10	4.5	n (29/30) ●
30	7.9	10.2	7.7	8.6	−3.0	715.7	716.8	718.8	91	82	98	W 1	W 1	N 1	10●	10●	10●	**20.3**	●, n ●²
Mitte	5.7	10.9	7.8	8.1	—	714.5	714.4	714.8	91	72	81				8.4	8.6	7.8	Summe 92.3	

April 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.3^{m}$, $G = 0.05\,^{m}/_{m}$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.4	16.8	14.6	14.9	7.5	708.9	709.3	710.2	31	29	35	SE 3–4	S 4–5	SE 4–5	8	10	3	.	⸗
2	7.8	8.2	6.8	7.6	0.1	716.5	721.9	723.5	75	91	96	NW 0	W 0	NE 0	8	10	10	3.3	n (2/3) ●
3	3.8	12.2	8.6	8.2	0.6	723.0	720.5	720.0	100	31	53	SW 0	N 0–1	E 0	0	6	0	.	
4	12.3	16.6	14.0	14.3	6.5	717.8	716.9	717.8	34	29	31	S 2–3	SE 3	SE 2–3	1	2	0	.	⸗
5	9.0	15.2	9.4	11.2	3.3	719.7	720.2	722.1	72	46	87	NW 0	N 0	E 0	10	5	0	.	
6	7.2	12.2	9.4	9.6	1.6	723.5	723.8	722.1	88	60	75	W 0	N 0	NW 0	10	5	7	1.7	n (6/7) ●
7	7.9	11.4	8.0	9.3	1.1	718.0	710.6	715.7	100	61	86	N 0	NW 0–1	W 0	10	10	10	.	
8	6.4	8.4	7.4	7.4	−0.9	715.6	716.5	715.4	88	69	85	N 0	N 2	NE 0	10	8	10	.	n (8/9) ⸗
9	13.0	16.3	14.3	14.5	6.1	708.9	710.1	708.1	32	31	34	SW 2–3	SE 3–4	SE 3	8	6	7	.	⸗
10	8.4	16.2	9.0	11.2	2.7	709.2	708.9	714.0	85	30	67	N 0	SE 2–3	SE 0	10	5	8	.	p ⸗
11	6.0	17.2	12.4	11.9	3.2	717.5	718.1	720.4	90	**27**	33	NE 0	S 3	E 0–1	1	3	0	.	⸗ 9–p
12	8.6	15.4	12.7	12.2	3.4	721.6	719.8	717.1	87	45	40	N 0	N 1	SE 0–1	8	2	0	.	
13	15.7	19.2	15.8	16.9	7.9	713.6	712.1	710.4	34	32	32	SE 2–3	S 1–2	S 2	9	10	4	.	⸗ I, III
14	15.8	**21.4**	15.2	17.5	8.4	707.5	**707.4**	707.8	37	31	36	S 0–1	S 1–2	S 0–1	6	7	3	.	
15	11.3	14.3	8.5	11.4	2.2	710.5	710.9	714.5	72	62	100	N 0	NW 0–1	N 0	3	10	10●	**15.7**	⌒ 17, ●–n
16	8.6	10.4	8.7	9.2	−0.2	716.8	717.8	719.6	97	59	87	N 0	NW 0–1	W 0	10●	10	10●=	4.3	● I, ●° ≡ III
17	6.7	10.6	8.6	8.6	−0.9	720.0	719.2	718.8	93	56	90	N 0	N 0	N 0	10	10	9	.	
18	8.4	12.4	10.3	10.4	0.8	716.3	713.9	711.6	78	67	84	E 0	NW 0	N 0	10	8	10	6.5	
19	3.9	5.2	3.5	4.2	−5.5	711.6	713.6	713.6	95	70	95	NW 0–1	N 0	N 0	10●	10	10●	5.6	● n–I, III–n
20	3.9	5.2	**2.4**	3.8	−6.1	713.6	715.8	715.9	86	70	100	NE 0	N 0	NW 0	10	10●	10	5.8	p ●
21	3.4	7.0	3.2	4.5	−5.5	715.3	715.4	717.0	100	72	95	NE 0	NE 0	NE 0	10●=	10*●	10●=	1.7	≡ I, III, ●, ✳ II
22	3.3	8.4	5.4	5.7	−4.4	715.4	715.4	718.0	74	46	92	E 0	NW 2	N 0	5	5	9	2.8	
23	4.2	9.4	5.9	6.5	−3.8	718.7	718.3	719.2	99	55	80	NW 0	N 1	NW 0	10●	5	7	0.2	● n–I
24	6.2	11.2	6.8	8.1	−2.3	718.1	718.2	720.0	68	50	76	E 0	N 1–2	E 0	4	5	7	.	
25	5.1	14.8	11.0	10.3	−0.2	722.2	722.0	**724.1**	88	28	28	S 0	SE 2–3	S 2–3	1	3	1	.	p ⸗
26	6.4	17.4	10.1	11.3	0.7	723.9	723.1	722.9	62	**27**	44	N 0	SE 2–3	W 0	0	2	4	.	⸗ 12½–18
27	7.5	15.3	10.2	11.0	0.2	722.0	721.1	721.4	69	46	80	N 0	E 0–1	E 0	10	10●	10●	3.3	p ●
28	8.8	12.1	10.2	10.4	−0.5	719.7	717.6	718.6	98	64	89	S 0	NW 0	N 0	10●	10	10	0.9	● I
29	9.8	15.2	10.2	11.7	0.7	717.9	716.1	716.2	91	57	96	N 0	N 0–1	N 0	8	8	0	.	
30	13.1	10.0	9.5	10.9	−0.2	717.2	719.3	721.2	88	92	100	N 0	NW 0	NW 0	10	10●	10●	11.9	● 10½–n
Mittel	8.2	12.9	9.4	10.2	—	716.7	716.7	717.2	77	51	71				7.3	7.0	6.3	Summe 63.7	

April 1918.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$.
$Hb = 405.0^{m}$, $G = 0.02\,^{m}/_{m}$.

1	6.4	9.2	7.2	7.6	0.8	714.6	714.9	717.8	97	86	88	W 0	NNW 1	SW 1	10●	5	10●	14.2	● 7–10, 18–22, n
2	5.4	10.4	6.0	7.5	0.5	724.1	727.6	728.0	73	54	80	SW 1	SW 1	SW 0	10	8	0	1.0	● 8–9
3	1.8	10.8	9.6	6.3	−0.8	728.1	720.5	724.7	91	52	62	SSW 0	NNE 0	W 1	0	9	0	.	⌴ I
4	5.2	13.0	10.0	8.8	1.6	722.8	721.6	723.0	78	55	79	NNE 1	NNE 0	SE 0	4	9	10	0.3	● ≡ 14–18
5	5.6	12.5	10.3	9.3	1.9	724.8	724.8	727.6	91	63	73	NNE 0	NNE 1	SW 0	3	6	10	.	● ≡ 18
6	8.4	12.6	10.7	10.6	3.1	728.6	728.3	727.2	91	60	74	SSW 0	NW 1	SSE 1	9	9	9	.	
7	7.8	11.8	5.2	8.3	0.7	723.6	721.7	722.8	77	56	89	NW 0	SW 0	SE 1	9	9●	10●	17.1	● 12–22, n
8	3.2	8.4	0.9	5.8	−2.0	721.5	721.0	719.4	95	66	80	SW 0	NNE 0	NW 1	10●	9	10	1.8	● 7–9
9	6.2	8.0	8.5	7.8	−0.1	714.4	715.0	714.5	85	72	72	NNE 0	SSW 1	SSW 1	10	9	9	.	
10	4.8	11.8	7.8	8.5	0.4	714.0	714.9	719.0	91	56	78	SW 0	SW 1	SSW 1	8	9	0	.	
11	4.3	12.2	11.8	9.6	1.4	722.5	722.9	724.7	92	59	56	SSW 0	NNW 0	SW 1	0	2	0	1.1	⌴ I, n ●
12	9.0	12.0	12.5	11.5	3.2	725.9	723.7	721.4	80	66	65	N 0	NNW 1	NNE 1	9	3	10	.	
13	10.4	15.5	12.8	12.5	4.0	717.7	716.2	713.6	77	42	68	NE 1	NNE 1	N 0	9	7	9	.	[⌒² 17, ⌒² 18–22
14	10.4	**18.0**	11.2	13.3	4.7	712.2	**711.6**	714.1	82	42	83	N 0	N 1	SSW 1	7	3	10●	11.0	⌒ ● 16½–18, 20–22, n.
15	8.0	14.0	9.6	10.6	1.8	716.6	717.1	719.8	91	57	72	W 0	SSW 1	SSW 1	10●	9	9	0.2	●° 7–8½
16	7.8	11.6	7.0	8.6	−0.3	722.3	723.0	724.2	72	56	86	SSW 1	SSW 1	N 1	9	9	10	.	
17	7.5	11.0	8.4	9.0	−0.1	724.2	723.7	722.9	80	62	82	NNE 1	NNE 1	NNE 1	9	3	0	.	
18	8.2	12.0	8.8	9.4	0.2	721.1	719.3	717.2	85	65	90	NNE 0	NNE 1	SW 1	8	9	10●	**19.6**	●² 17–22, n
19	7.0	6.2	3.7	5.9	−3.4	716.4	716.9	718.4	90	76	67	SE 0	N 1	NNE 1	10●	10	10	1.9	● 7–13, n
20	2.4	5.0	1.7	3.1	−6.4	718.8	719.7	720.6	88	69	94	NE 1	NNW 1	SW 0	10●*	9	10●	16.2	● ✳ 7–9, 19–22, n
21	0.8	3.1	2.2	1.9	−7.7	720.2	720.5	721.7	96	93	94	SW 0	SW 0	SW 0	10*	10●	10	11.8	✳ 7–9, ● 10–14, 17–20, n
22	0.6	5.7	3.7	3.0	−0.8	720.4	720.7	722.9	99	73	85	SW 0	SSW 1	SSW 1	10*	9	9	2.9	✳ 7–8, ●–11, 22, n
23	3.0	8.3	6.2	5.5	−4.4	723.4	723.0	723.0	92	74	79	SSW 0	NNE 1	NE 0	9	9	2	.	
24	5.4	10.7	6.9	7.8	−2.3	723.7	723.3	724.9	81	42	67	SW 0	NNE 1	NNE 1	9	2	0	.	△° I
25	5.9	15.7	9.1	9.4	−0.8	727.5	727.0	728.5	81	34	55	NNE 0	SW 1	SW 1	0	1	0	.	⌴° I
26	6.6	15.6	10.7	10.0	−0.3	**729.1**	727.9	727.4	76	**33**	60	NNE 0	NNE 1	NNE 0	0	0	0	.	△ I
27	7.8	15.9	10.8	10.8	0.3	726.9	725.2	725.7	80	40	63	NNE 0	NNE 1	NE 1	7	1	1	.	△ I
28	8.8	11.0	11.8	9.9	−0.7	724.5	723.8	723.7	78	85	85	SW 0	NNE 1	NW 1	10	9	10	1.2	● 8–14
29	9.2	14.2	10.6	11.3	0.5	722.6	721.5	722.2	90	56	84	NW 0	NNE 1	SW 0	9	9	10	3.6	● 19–20, 21, n
30	8.8	13.9	10.0	10.7	−0.2	723.8	724.0	726.2	85	52	82	SW 1	NW 1	E 0	10●	9	10●	1.9	● 7–11, 20–22, n
Mittel	6.2	11.3	8.4	8.5		721.9	721.6	722.2	86	60	79				7.6	6.8	6.6	Summe 105.8	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7⁸⁵, 13⁸⁵ u. 21⁸⁵.

$\lambda = 8^{\circ}\ 33'$, $\beta = 47^{\circ}\ 23'$,
$Hb = 493.2^{m}$, $G = 0.08\ ^{m}/_{m}$.

Zürich.

April 1918
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.8	10.3	6.8	7.6	1.0	706.9	707.0	707.8	90	70	85	N 1	W 0	NW 0	9	8	9	.	
2	5.4	8.8	5.3	6.5	−0.2	713.6	718.1	720.2	85	63	83	E 0	W 2	SE 0	10	9	0	0.1	●° 9–11, ⸗
3	1.4	14.5	8.2	8.0	1.1	720.1	718.6	717.5	100	37	61	SE 0	W 1	NE 1	0	4	4	.	⊔ ≡° I
4	3.5	19.5	11.0	11.3	4.3	715.7	713.3	714.8	89	**27**	68	NW 0	SW 1	NW 1	2	5	2	.	
5	6.8	15.4	9.7	10.6	3.5	717.0	716.7	718.9	91	48	89	NW 0	NW 1	NW 0	4	5	9	0.4	●° 20
6	8.3	10.2	9.2	9.2	1.9	720.2	720.3	719.0	93	77	80	E 0	SW 1	SW 0	10	10	10	0.7	●° n–7
7	7.4	12.4	6.5	8.8	1.4	716.2	714.2	713.7	95	64	91	SE 0	E 0	W 1	10	8	10●	4.9	●° 4½–5½, 19–21, ●–22, [⸗ 18½
8	5.3	7.3	5.6	6.1	−1.4	712.7	712.9	712.8	90	80	86	NW 1	NW 1	NW 0	10	10	10	.	
9	5.8	15.0	8.0	9.6	1.9	707.4	705.4	705.8	92	51	84	NE 1	NW 0	NW 1	7	8	4	.	
10	7.1	13.2	7.3	9.2	1.4	706.0	705.7	710.7	95	60	95	NE 0	N 0	NW 0	10	7	10●	2.8	●° 18½, ● 19½–22½
11	6.2	18.0	11.0	11.7	3.8	714.4	715.4	717.0	95	38	70	SW 0	SW 1	N 0	2	1	1	.	
12	8.0	18.2	11.6	12.6	4.5	718.3	716.7	714.4	83	40	60	E 0	NE 1	NE 1	9	1	0	.	
13	9.7	**20.2**	13.0	14.3	6.1	710.9	708.7	707.1	72	41	50	SW 0	E 1	E 0	6	4	2	.	
14	9.7	20.0	13.5	14.4	6.0	705.5	**704.6**	704.8	79	46	58	NW 1	SE 1	NE 0	3	4	0	.	⸜ 22
15	10.9	13.4	8.4	10.9	2.4	707.7	708.8	711.1	84	66	97	SW 1	NW 1	W 1	9	10	10●	**19.7**	●² 16–n
16	6.0	7.6	6.0	6.5	−2.1	713.9	715.3	716.9	92	69	76	NW 0	NW 1	NW 1	10	10	10	0.2	●° n–8, 11–14, III
17	5.8	10.3	9.2	8.4	−0.4	717.0	716.5	715.9	88	67	80	NW 0	NE 0	SW 0	10	10	10	0.1	
18	8.6	13.0	10.5	10.7	1.8	713.8	711.6	709.0	83	57	72	NW 1	NE 1	NE 0	9	10	10	14.2	●° 21–23½, ●–n
19	**0.4**	2.4	1.0	1.3	−7.7	709.7	710.5	711.1	100	87	96	N 1	N 1	N 1	10*	10	10●	4.5	✳ ⸗ 5–14, ● 17–n ⊠
20	1.4	4.6	3.4	3.1	−6.1	711.3	712.4	713.0	90	69	82	NE 1	NE 1	NE 1	10	10	10	0.3	✳° 6½–8½, 18
21	1.3	2.6	0.6	1.5	−7.8	712.3	711.9	712.9	94	86	100	NE 1	NW 1	NW 0	10●	10	10	3.4	●°, ✳ 17½–21 ⊠
22	2.1	5.2	3.0	3.4	−6.1	712.0	712.7	714.8	92	73	90	SW 1	NW 0	SW 0	9	10	8	1.1	✳° 7, ●° II, n ●
23	3.0	8.5	4.6	5.4	−4.2	716.0	715.7	715.5	94	68	97	NW 1	NW 0	SW 0	10	10	6	.	●° 15
24	6.0	10.2	4.3	6.8	−2.9	715.4	715.5	717.1	85	54	93	W 0	SW 0	N 0	9	10	2	0.1	
25	3.1	16.3	7.8	9.1	−0.8	719.4	719.2	721.0	100	40	61	N 0	W 1	E 0	2	3	1	.	⊔° I
26	5.7	17.6	8.7	10.7	0.7	**721.2**	720.1	719.6	73	35	61	E 0	NW 1	NW 0	0	1	2	.	⊔ I
27	7.8	15.0	9.4	10.7	0.6	719.1	718.2	718.2	80	47	88	E 0	S 0	NW 0	6	10	10●	3.2	●° 16, ● 20–n
28	8.2	12.3	9.2	9.9	−0.4	716.9	715.9	716.1	96	76	93	NE 1	NW 1	NW 0	10●	10●	10	3.0	● n–15
29	9.8	16.4	11.6	12.6	2.2	715.2	713.7	713.3	90	65	80	NW 0	NW 1	NW 1	9	8	0	0.1	●° 20
30	10.2	12.2	9.0	10.5	0.0	714.3	715.8	717.7	82	71	79	NW 1	SW 1	W 1	9	10●	10●	4.5	●° 7½–15, ● 20–n
Mittel	6.0	12.3	7.8	8.7	—	714.0	713.7	714.3	89	59	80				7.6	7.5	6.3	Summe 63.3	

$\lambda = 8^{\circ}\ 30'$, $\beta = 47^{\circ}\ 3'$,
$Hb = 1787.3^{m}$, $G = -0.11\ ^{m}/_{m}$.

Rigi-Kulm.

April 1918.
Beobachter: *Hospenthal.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	1.2	3.4	3.0	2.5	3.9	602.8	602.6	604.7	53	48	53	S 4	S 4	SW 2	10	10	5	.	⸗ n–II ⊠
2	−1.6	−2.0	−3.4	−2.3	−1.0	607.9	612.0	613.9	100	100	100	SW 0	W 1	W 2	10	10	10	0.3	≡° I, ✳° 10–p ⊠
3	−2.8	−2.8	−0.6	−2.1	−0.9	613.3	613.2	612.9	98	65	**35**	W 0	S 0	S 2	0	5	3	.	⊠
4	1.4	5.4	2.2	3.0	4.1	610.5	610.5	611.2	50	42	52	S 3	S 2	SW 0	3	3	5	.	⸗ I ⊠
5	1.6	6.2	−0.2	2.5	3.5	611.8	612.4	614.2	80	65	100	SE 1	S 0	W 1	5	5	3	0.3	≡° 13–n, n ✳° ⊠
6	0.2	2.0	0.0	0.7	1.6	614.2	614.7	614.3	97	90	100	W 2	W 0	W 1	10	10	10*	0.4	✳ 21–n ⊠
7	0.4	4.4	0.6	1.8	2.6	610.9	609.0	607.6	97	61	97	W 0	W 0	W 0	10≡	10	10≡	.	≡ I, III, ≡° ⊠
8	−0.4	2.0	−1.0	0.2	0.9	606.7	607.0	607.4	100	80	95	E 1	E 2	E 0	10	5	5	.	≡° ⊠
9	2.0	5.6	3.2	3.6	4.1	**601.2**	602.2	603.2	47	40	50	S 3	S 4	SW 5	7	5	5	.	a ⸗, p ⸗ ⊠
10	2.4	5.2	−0.8	2.3	2.7	602.0	602.6	606.1	64	74	100	SE 1	S 2	W 2	10	5	10*	4.5	p ≡, ⸜ ● 19–19½, ✳–n ⊠
11	0.8	5.0	2.2	2.7	3.0	609.7	611.7	613.3	65	50	50	SW 0	S 0	W 0	3	5	3	.	⊠
12	2.2	5.8	3.6	3.9	4.1	613.1	612.8	611.7	65	55	57	SE 0	S 1	S 2	7	3	3	.	⊠
13	3.6	**8.4**	4.8	5.6	5.7	607.9	607.1	605.2	50	48	50	S 2	S 1	S 2	10	7	7	.	⊠
14	5.4	6.6	4.8	5.6	5.6	603.2	602.5	603.4	50	46	46	S 3	S 4	S 1	3	7	3	.	a ⸗, ⸗ II ⊠
15	2.6	3.8	0.0	2.1	2.0	604.2	605.3	606.5	96	88	100	W 0	W 0	W 1	10≡	10	10	**66.7**	≡ I, ≡°–p, ⸜ 16½, *) ⊠
16	−1.6	−0.4	−2.0	−1.3	−1.5	607.9	609.4	610.4	100	98	100	W 1	W 1	W 0	10*	10	10	4.5	✳ I, ≡°–p ⊠
17	−0.6	4.0	−0.4	1.0	0.7	610.4	610.5	610.5	100	61	100	W 0	S 0	W 1	10	10	10≡	.	≡°, ≡ III–n ⊠
18	0.0	4.0	0.4	1.5	1.1	608.5	606.3	605.8	100	65	100	E 0	E 0	W 1	10	10	10	16.9	≡°, n ✳ ⊠
19	−2.4	1.4	−5.0	−2.0	−2.5	603.0	602.9	603.8	97	57	97	NW 0	W 0	E 0	10*●	10	10≡	3.2	≡ ✳ ● I, ≡–n ⊠
20	−3.4	0.6	−5.4	−2.7	−3.4	603.6	605.0	605.6	97	71	100	E 0	E 0	E 0	10≡	10≡	10≡	.	≡ ⊠
21	−4.0	−5.2	**−6.4**	−5.2	−6.0	605.4	604.7	604.5	100	100	100	E 0	E 0	E 0	10≡	10	10≡	6.5	≡ I, III, ✳ 15–19 ⊠
22	−6.2	−0.6	−5.0	−3.9	−4.8	604.9	606.1	608.1	94	78	100	W 1	W 0	W 0	7	10	10	3.6	≡° 10–p, n ✳ ⊠
23	−4.0	−1.0	−4.0	−3.0	−4.1	608.3	608.8	608.9	100	86	90	W 0	W 0	W 0	10≡	10≡	5	.	≡ n–p ⊠
24	−1.2	2.4	−0.6	0.2	−1.0	608.8	609.6	611.3	78	73	91	SE 1	SE 0	SW 0	7	10	5	.	⊠
25	−0.6	4.2	−0.8	0.9	−0.4	613.0	614.0	615.3	72	45	60	SW 0	S 1	S 0	3	7	0	.	≡° 8–9½ ⊠
26	1.2	5.0	2.2	2.8	1.4	**615.4**	**615.4**	615.3	43	49	52	S 0	S 0	S 1	0	3	1	.	⊠
27	2.2	6.3	0.4	3.0	1.5	614.1	614.0	613.1	65	63	95	S 0	SE 1	SW 1	5	10	10	5.5	⊠
28	−0.2	5.0	1.4	2.1	0.4	611.3	611.1	611.2	100	80	100	E 0	E 0	E 0	10*	10	10≡	2.3	✳ n–I, ≡°, ≡ III–n ⊠
29	1.6	5.2	3.0	3.3	1.5	610.5	610.1	609.9	97	91	72	E 0	E 0	SE 2	10	10≡	3	13.5	≡° ≡ II [●² 19–n ⊠
30	0.6	1.0	1.0	0.9	−1.0	609.7	611.0	612.6	100	100	100	W 2	W 1	W 1	10●*	10●*	10●	24.6	●² 5½–7, ●² ✳²–15, ⊠
Mittel	0.0	3.0	−0.1	1.0	—	608.5	608.8	609.4	82	69	81				7.7	8.0	6.9	Summe 161.8	*) **15.** △² ●²–18, ✳²–n

April 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1712.6^m$, $G = -0.12^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.0	4.4	0.8	1.7	3.2	612.1	612.1	613.2	95	72	96	W 1	W 2	— 0	10	10●	10●	8.3	a ✳, p ●
2	−0.2	4.0	−1.0	0.9	2.3	615.7	617.6	618.9	82	57	87	W 1	S 1	— 0	10	9	10	.	
3	−1.2	3.4	0.6	0.9	2.1	619.7	619.6	619.8	90	55	80	NE 0	S 2	S 2	10	3	0	.	
4	−0.6	4.5	1.3	1.7	2.8	619.2	618.7	619.1	75	54	80	SW 0	S 1	W 2	10	9	10	.	
5	1.0	5.4	0.5	2.3	3.2	619.0	619.1	619.9	87	57	85	S 0	SW 2	S 1	10	8	10	.	
6	−0.6	7.1	1.8	2.7	3.5	620.1	619.6	619.1	89	47	82	E 0	W 1	— 0	10	10	10	.	
7	−1.4	5.2	0.5	1.4	2.0	617.0	615.2	614.6	91	52	84	S 0	S 1	W 1	9	9	5	.	
8	−2.2	5.5	0.0	1.1	1.6	613.5	613.7	614.1	90	53	87	S 0	SW 2	— 0	8	6	8	.	n (8/9) ⚹
9	2.0	3.8	1.4	2.4	2.7	612.4	612.4	611.4	69	60	95	N 0	W 3	W 1	6	10	10	1.0	⚹ ✳° II, n ✳
10	2.6	5.4	0.2	2.7	2.9	607.9	609.6	613.1	68	49	81	N 3	NE 1	— 0	6	10	10	0.2	⚹ I, n ⚹ ✳°
11	0.6	4.1	0.0	1.6	1.6	617.0	618.4	620.1	74	60	85	SW 2	SW 3	— 0	4	4	9	.	⚹ II
12	−3.4	7.3	2.3	2.1	1.9	620.4	619.6	618.7	88	47	87	SW 1	S 1	W 1	6	8	8	.	
13	2.2	8.2	1.0	3.8	3.4	616.1	613.9	613.2	90	54	89	NE 0	SW 2	W 1	10	7	6	0.2	n (13/14) ●°
14	2.8	6.8	4.0	4.5	4.0	610.8	610.3	610.3	93	65	70	N 2	N 2	N 3	10	9	7	.	⚹ III
15	0.2	5.3	1.6	2.4	1.7	611.0	610.6	612.4	91	58	89	NE 0	S 2	W 1	5	10	10	3.5	n (15/16) ✳
16	0.6	5.4	2.0	2.7	1.9	614.0	614.1	616.3	94	65	84	S 0	S 0	W 1	10*	10	10	1.4	a ✳
17	2.2	8.3	1.1	3.9	2.9	617.0	616.8	616.8	80	45	89	W 0	SE 1	W 1	4	5	7	.	
18	−0.8	6.6	2.0	2.6	1.4	614.9	612.7	610.7	91	51	89	SE 1	S 2	— 0	8	8	10	1.5	n (18/19) ●
19	2.4	4.0	−0.6	1.9	0.5	608.0	**607.6**	608.5	86	70	79	SE 0	SW 3	NE 1	9	10	10	1.5	⚹ II, ✳ 13-n
20	−2.6	3.8	0.0	0.4	−1.1	609.2	610.2	612.5	87	65	85	N 1	SE 1	— 0	8	8	7	0.4	n (20/21) ⚹ ✳°
21	0.4	2.5	0.8	1.2	−0.5	611.1	609.3	611.4	68	66	89	N 4	W 2	NE 1	9	10*	10	7.1	⚹ I, ✳
22	**−9.8**	1.8	−2.6	−3.5	−5.3	611.4	611.4	613.3	83	**42**	90	N 1	SE 1	SW 1	1	10	10	0.3	✳° II, 20–20½
23	−8.2	3.8	−1.4	−1.9	−3.9	614.7	613.7	614.9	78	43	75	S 1	N 3	— 0	0	8	8	.	⚹ II
24	−2.2	4.9	−1.0	0.6	−1.6	615.5	615.0	617.6	70	43	80	S 1	NE 1	NW 1	6	7	8	.	
25	−0.4	3.6	0.2	1.1	−1.2	620.1	621.2	**623.0**	79	54	73	SE 1	S 3	— 0	7	7	8	.	⚹ II
26	−1.0	8.6	1.8	3.1	0.6	622.7	621.9	621.8	90	53	84	SE 0	SE 2	— 0	10*	4	7	1.3	✳° I, n ✳
27	1.0	5.4	2.4	2.9	0.3	619.4	618.9	618.6	98	67	86	N 1	N 1	W 1	10*	10	10	3.0	✳ I, n ●
28	1.3	6.6	1.9	3.3	0.5	616.8	616.5	617.2	96	67	86	N 2	S 1	W 1	10●	10	3	0.3	● I
29	3.0	6.2	2.4	3.9	1.0	616.9	616.5	616.3	95	62	89	SE 1	S 3	— 0	8	10●	10	1.2	● ⚹ II
30	2.8	**9.0**	2.4	4.7	1.6	616.2	616.8	618.8	90	46	81	S 0	S 1	NE 1	7	4	6	.	
Mittel	−0.3	5.4	0.9	2.0	—	615.3	615.1	615.9	85	56	85				7.7	8.1	8.2	Summe 31.2	Keine Angaben über Schneebedeckung.

April 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00^m/_m$

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	7.8	13.8	11.0	10.9	2.8	703.1	703.5	704.6	59	33	42	S 0–1	NE 4	E 0–1	10	10	9	.	⚹ 11–22
2	6.0	10.9	6.1	7.7	−0.5	710.3	713.0	714.9	87	49	59	NE 0	W 1–2	SW 0	10●	9	0	.	●° I
3	3.0	13.9	10.0	9.0	0.6	716.1	713.1	713.0	71	**20**	44	NE 0	SE 0	SW 0	0	8	0	.	
4	6.8	15.7	11.8	11.4	2.9	712.5	710.0	711.2	49	29	37	NE 0	NE 3–4	SW 0–1	1	10	5	.	⚹ II
5	7.0	16.4	11.2	11.5	2.8	712.0	711.0	714.3	67	30	62	NE 0	E 0	SW 0–1	10	10	9	.	
6	7.6	15.6	10.4	11.2	2.4	716.2	714.5	714.2	78	46	62	NE 0	S 0–1	SW 0–1	10	8	6	.	
7	9.2	14.7	5.2	9.7	0.7	711.6	708.2	709.0	87	45	91	NE 0	W 1–2	SW 1–2	10	6	5	.	⚹ 15–20
8	4.2	12.8	5.9	7.6	−1.5	708.9	707.9	707.5	95	53	86	SW 0–1	SW 1–2	SW 0–1	10	6	0	.	△ I, ⚹ 14–17
9	6.8	9.5	8.4	8.2	−1.0	703.1	703.6	703.2	72	59	76	SE 0–1	E 4	E 0–1	10	10	10	.	△ I, ⚹
10	6.8	15.0	7.8	9.9	0.5	701.8	701.7	706.8	90	42	81	NE 0–1	SW 0	SW 0	10	10	0	.	
11	6.6	16.6	11.1	11.4	1.9	711.6	711.3	714.0	71	27	31	NE 0	E 0–1	E 0	9	4	0	.	△ I, ⚹ 15–20
12	13.3	18.0	13.8	15.0	5.3	714.6	712.3	710.5	39	29	37	E 0	SE 0	NE 0	0	3	2	.	⚹ 15-n
13	10.9	**18.9**	13.6	14.5	4.7	707.6	704.3	703.4	54	31	36	S 0	E 3–4	NE 1–2	10	9	4	.	⚹ 12–20
14	11.5	18.0	13.1	14.2	4.2	700.7	**700.0**	701.9	62	37	50	E 1–2	NE 3–4	NE 1–2	2	8	7	.	⚹ II
15	10.1	17.6	11.0	12.9	2.8	703.3	702.9	705.2	91	40	64	S 0	W 1–2	SW 1–2	10	6	9	.	
16	14.0	17.3	8.2	13.2	3.0	708.1	709.1	711.3	75	53	70	S 0–1	S 2	SW 0–1	10	9	9	.	
17	7.8	15.0	9.4	10.7	0.3	710.7	709.8	709.7	88	47	69	S 0–1	S 1–2	SW 0–1	10	8	5	.	
18	8.4	16.1	9.8	11.4	0.9	708.1	704.9	703.9	81	42	84	E 0–1	SW 1–2	W 0–1	10	8	10	1.0	● 19
19	7.0	11.3	4.8	7.7	−3.0	701.7	701.7	704.2	82	52	69	S 0	W 1–2	W 0	10	9	9	.	⚹ 15
20	3.7	9.6	4.8	6.0	−4.8	705.5	705.0	707.5	81	52	80	W 0–1	S 1–2	W 0	10	9	10	2.9	● 20
21	**1.2**	4.0	3.0	2.7	−8.2	706.3	706.4	708.7	100	92	82	E 0	W 1	W 0	10	10	10	***10.0**	✳ 6, ● a, 14½
22	2.0	6.8	3.5	4.1	−7.0	708.0	707.8	710.7	100	60	96	SW 0	SW 0–1	W 0	10●	10	10	3.0	● n–8, ⊕ I, ● 14–18
23	2.4	11.4	5.6	6.5	−4.7	711.3	709.6	710.6	69	38	71	NE 1–2	SW 0–1	SW 0–1	5	3	2	.	⚹ 15–18
24	3.3	13.4	8.4	8.4	−3.0	711.9	709.9	712.4	78	30	51	NE 0	SW 1–2	W 0–1	3	1	5	.	△ I, ⚹ 14–19
25	6.6	15.1	9.8	10.5	−1.0	715.5	713.9	717.5	68	26	35	NE 0	SE 1–2	E 0–1	0	6	0	.	△ I, ⚹ 14–19
26	6.0	16.4	11.0	11.1	−0.5	**718.3**	715.1	716.0	58	28	38	E 0	E 0–1	NE 0–1	0	1	1	.	△ I, ☿ III
27	7.8	18.2	13.0	13.0	1.2	714.2	712.5	712.6	56	30	46	SE 0	SW 0–1	SW 0–1	8	10	9	.	△ I, ●° 15
28	8.9	16.0	11.0	12.0	0.1	712.3	709.3	711.4	95	41	67	S 0	S 0–1	SW 0	10●	7	10	.	●° n–8
29	10.2	18.4	11.1	13.2	1.2	709.2	707.1	709.9	80	39	94	S 0	S 1–2	SW 0	8	10	10●	1.0	● 21–n
30	9.2	15.8	11.3	12.1	−0.1	710.0	710.0	713.3	92	46	53	NW 0–1	S 0	SW 0	10●	10	10	6.5	● n–8, n
Mittel	7.2	14.4	9.2	10.3	—	709.5	708.3	709.8	76	41	62				7.5	7.6	5.9	Summe 24.4	

λ = 8° 57′, β = 46° 0′.
Hb = 276.2m, *G* = 0.03 m/m.

Lugano.

April 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.8	6.6	7.0	6.5	−2.6	732.4	732.0	732.9	92	85	90	NW 0	NW 0	NW 0	10●	10●	10●	48.0	●², n ●²
2	6.6	10.4	6.4	7.8	−1.5	736.3	737.6	738.5	80	65	85	SW 0	E 0	N 0	10●	10	0	10.0	● n−12½
3	5.0	13.4	8.8	9.1	−0.3	739.7	739.4	739.3	85	40	75	NW 0	SE 0	N 0	2	6	0	.	●° 16½
4	7.6	10.6	8.6	8.9	−0.6	739.0	738.7	738.7	88	65	88	NW 0	W 0	W 0	10	10	10●	8.5	● 10−n
5	6.6	11.0	8.6	8.7	−1.0	739.3	739.4	740.2	90	60	75	NE 0	S 0	NW 0	10	10	0	.	
6	7.6	13.8	11.4	10.9	1.1	739.8	738.2	738.3	75	50	60	N 0	S 0	NW 0	0	0	10	8.0	n (6/7) ●
7	8.4	11.8	9.4	9.9	0.0	736.0	734.5	733.5	90	60	88	NW 0	SE 0	NW 0	10	8	10●	9.2	● 9−13½, 20½−n
8	8.4	9.4	7.8	8.5	−1.6	732.6	733.3	733.2	92	85	92	SW 0	SW 0	NW 0	10	10	10●	24.5	●
9	6.8	8.0	7.8	7.5	−2.7	732.1	731.3	729.7	90	92	92	W 0	N 0	NW 0	10●	10●	10●	33.5	●² n−III, n ●
10	7.6	13.6	6.8	9.3	−1.0	725.3	728.7	733.3	82	58	92	NW 0	NE 0	N 0	8	6	10	6.5	p ●
11	7.8	10.8	9.2	9.3	−1.2	737.6	739.2	740.2	87	75	80	NW 0	SE 0	N 0	10	10	10	.	
12	8.8	11.4	9.4	9.9	−0.7	739.3	739.0	737.7	80	65	90	N 0	SE 0	NW 0	10	10	10	3.8	n (12/13) ●
13	8.4	10.2	9.0	9.2	−1.5	734.6	733.6	730.6	95	90	92	NW 0	NW 0	NW 0	10●	10●	10●	21.0	●
14	8.4	12.0	10.8	10.4	−0.5	728.3	727.2	727.2	90	65	96	NW 0	NW 0	NW 0	10●	10	10●	10.5	● n−I, 17½−n
15	8.8	15.0	9.2	11.0	0.0	728.6	728.3	730.7	85	45	90	N 0	SE 0	N 0	2	6	4	6.8	● III, n ●
16	9.6	15.6	10.0	11.7	0.6	732.5	734.5	734.7	90	55	72	N 0	SE 0	N 0	10●	6	0	.	a ●°
17	10.0	11.2	10.2	10.5	−0.8	735.8	736.0	735.0	80	80	85	N 0	SE 0	NW 0	6	10	10	9.2	● a, n
18	9.4	10.2	8.8	9.5	−0.9	733.7	732.0	729.0	90	80	90	NW 0	NW 0	NW 0	10●	10●	10●	6.5	● a, n
19	8.6	11.6	8.4	9.5	−2.0	725.6	**725.0**	725.1	90	75	90	N 0	E 0	NW 0	10	10●	10●	17.3	● 12½−13½, 21−n
20	8.2	**16.8**	10.0	11.7	0.1	726.7	728.1	730.7	85	38	68	NW 0	S 0	NW 0	10	0	6	4.0	n (20/21) ●
21	7.8	7.8	3.4	6.3	−5.5	729.1	727.4	731.8	90	90	90	W 0	W 0	NW 0	10●	10●	4	30.5	●² n−17½
22	**3.0**	13.4	7.0	7.8	−4.1	732.0	731.1	733.3	88	**28**	70	NW 0	S 0	N 0	4	0	0	.	
23	4.2	14.6	10.4	9.7	−2.4	734.8	732.5	732.8	70	38	64	N 0	E 0	N 0	0	2	2	.	
24	8.4	10.8	6.6	8.6	−3.6	734.3	735.8	738.4	58	62	90	N 0	E 0	N 0	2	10	10	3.8	● 11−n
25	7.0	10.6	8.6	8.7	−3.6	741.4	743.2	**744.1**	94	62	82	N 0	SW 0	NW 0	10	10	10●	4.2	● a, n, p ●°
26	8.2	11.6	9.6	9.8	−2.7	743.6	742.5	741.8	88	52	90	NW 0	SW 0	NW 0	10●	10	10	2.5	p ●°, n ●
27	8.8	13.2	10.8	10.9	−1.7	739.4	738.2	737.0	95	58	90	E 0	SW 0	NW 0	10●	10●	10●	10.2	● a, n, p ●°
28	10.0	12.4	11.4	11.3	−1.4	735.5	735.2	735.0	90	78	92	NW 0	SW 0	NW 0	10●	10●	10●	8.6	●, n ●
29	10.4	12.8	11.0	11.4	−1.5	734.8	734.9	735.1	90	72	92	NW 0	SW 0	NW 0	10	10●	10●	10.0	●, n ●
30	10.0	16.6	11.0	12.5	−0.5	735.5	735.8	738.0	85	52	68	W 0	SE 0	NW 0	10	4	10	.	●° 13
Mittel	7.9	11.9	8.9	9.6	—	734.5	734.4	734.9	86	64	84				8.1	7.9	7.5	Summe 297.1	

λ = 7° 35′, β = 47° 33′,
Hb = 277.2m, *G* = 0.13 m/m.

Basel.

April 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	7.8	9.2	8.5	8.5	1.0	725.7	726.0	727.4	86	86	92	N 0	NW 1	SW 1	10	10●	10	6.2	●° 2-3, 9, ● 12½-15, 23-24
2	7.0	10.2	6.4	7.9	0.3	732.0	736.9	739.0	88	61	85	S 1	W 1	NW 1	10	10	1	0.5	● 1−4½, ●° 8½−10½
3	3.7	14.0	10.4	9.4	1.7	738.6	736.8	735.6	87	**34**	54	SE 1	S 1	S 1	2	8	7	.	⊕ 14
4	8.4	**17.8**	10.8	12.3	4.4	733.5	731.3	734.1	56	37	83	SE 2	NE 1	W 0	7	7	10●	0.2	●° 13, 15½, III
5	8.6	12.1	10.8	10.5	2.5	736.0	736.5	737.3	94	72	83	S 0	NW 1	NW 1	10	10	5	1.5	● 7−12
6	10.0	14.6	10.4	11.7	3.6	738.9	738.4	737.6	86	61	80	S 1	SW 1	SE 0	9	8	10	0.3	●° 9, 16−17, 22
7	8.8	13.8	6.6	9.7	1.4	734.5	732.1	733.0	84	53	85	E 1	SE 1	W 1	10	7	10	10.9	●° 2−3, ● 15½−n
8	5.0	6.9	6.8	6.2	−2.2	731.9	732.2	731.9	94	81	83	SW 1	W 1	W 1	10●	10	10	0.2	● n-8, ●° 9
9	5.4	10.9	8.7	8.3	−0.2	725.9	724.7	725.1	97	82	81	S 0	NW 1	W 1	10	9	10	.	≡° I
10	7.6	10 2	8.8	8.9	0.2	724.9	725.0	729.4	83	77	79	W 1	W 1	W 1	10	10	10	.	●° 19
11	6.8	17.1	10.8	11.6	2.8	732.9	733.3	735.8	80	43	85	SE 1	NE 1	S 1	3	4	0	8.3	● 14½−17, 23−3
12	9.4	16.8	12.4	12.9	4.0	736.5	734.9	732.9	92	49	77	SE 1	E 1	W 1	8	5	1	.	
13	9.0	16.8	13.4	13.1	4.0	729.3	727.1	725.1	92	57	78	W 1	N 1	W 0	7	6	8	.	♆ 20
14	9.2	16.5	14.2	13.3	4.1	724.2	723.2	723.4	89	66	64	W 0	W 0	NW 1	10	6	3	.	∠ III
15	11.8	13.2	8.2	11.1	1.8	725.9	727.2	730.1	86	73	92	W 1	NW 1	SW 1	10	10	10●	10.5	● 18−n
16	6.8	8.8	6.6	7.4	−2.1	732.9	734.4	736.1	80	71	85	SW 1	W 1	W 0	10	10	10	0.1	● n−4, ●° 7−10½, 18−20
17	6.0	12.0	10.2	9.4	−0.2	736.2	735.2	734.5	91	65	84	N 1	N 1	NW 1	9	8	10	.	
18	8.2	14.4	10.4	11.0	1.3	732.7	730.2	727.9	89	58	73	W 1	N 1	W 1	10	10	10	6.9	●° 22
19	**0.4**	3.2	2.8	2.1	−7.7	729.3	730.0	730.5	96	76	83	NW 1	N 1	NW 1	10*	10	10	1.0	● 1−4, ✳−10, ●-12
20	2.2	6.0	4.8	4.3	−5.7	730.7	**721.4**	732.2	93	68	87	N 1	N 1	S 0	10	10	10	0.1	● 4−8
21	4.0	5.0	1.8	3.6	−6.5	731.5	731.4	732.1	93	70	93	NW 1	N 0	SW 0	10	10	10●	9.0	●° 10, 14½, ● 17−23
22	1.6	5.2	4.4	3.7	−6.5	730.8	731.5	734.0	96	81	90	SE 1	W 1	W 1	10●	10●	10	1.6	● 0-6, ● ✳-8, ●-10, ●^-19
23	2.2	8.4	6.4	5.7	−4.7	735.4	735.0	734.6	96	71	91	NW 1	W 1	W 0	10	9	10	1.0	≡° I, ● 8−11
24	6.2	9.8	6.2	7.4	−3.1	734.5	734.3	736.1	91	70	90	W 1	NW 1	SE 1	10●	10	0	0.1	●° 7½−9
25	2.3	14.4	11.0	9.2	−1.4	738.3	737.6	738.9	93	46	61	SE 1	E 1	S 0	7	6	0	.	
26	6.8	**17.8**	11.0	11.9	1.2	**739.8**	738.3	738.2	80	35	75	E 1	E 1	S 1	2	4	1	.	
27	7.2	16.8	9.4	11.1	0.2	738.0	736.5	737.3	77	48	95	SE 1	N 1	SE 1	8	7	8	**15.0**	K ● 17−19
28	8.4	10.0	9.6	9.3	−1.7	736.1	735.1	734.8	94	95	96	W 1	NW 1	SW 0	10●	10●	10	5.5	● 6½−17½
29	9.6	13.8	12.4	11.9	0.8	733 9	732.8	732.3	97	78	86	E 0	N 0	SW 0	10	10	10	.	
30	11.8	11.8	9.4	11.0	−0.2	733.0	734.5	736.5	78	68	95	W 0	W 1	SE 0	10	10	10●	13.5	●° 9, ● 14−n
Mittel	6.7	11.9	8.8	9.1	—	732.8	732.1	733.1	88	64	83				8.7	8.5	7.5	Summe 91.5	

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Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-3.0	-0.1	-2.4	-1.8	4.4	552.6	553.5	554.1	88	86	87	SSW 4	SSW 2	E 3	9	9	5	.	a ⸙, ⸸ 8-14
2	-5.3	-6.2	-7.5	-6.3	-0.2	556.1	558.6	560.5	86	98	98	SE 3	WSW 4	W 1	7	10≡*	10≡	4.5	≡ 10-n, ⸸ * 12-15, [⸙ II
3	-6.4	-3.6	-5.8	-5.3	0.7	560.5	560.9	560.6	91	88	82	SSE 1	WSW 1	SSE 1	1	4	2	.	
4	-2.0	-2.2	-2.7	-2.3	3.6	559.2	559.3	559.6	84	80	80	S 2	SSE 1	WSW 2	4	3	1	.	
5	-3.3	-1.0	-2.8	-2.4	3.4	560.2	561.0	561.7	85	82	92	SSW 2	SE 1	SSE 0	7	8	10≡	1.4	≡ 19-n
6	-3.8	-2.6	-3.9	-3.4	2.3	561.7	562.1	561.6	100	98	98	WSW 1	WSW 2	WSW 1	10≡*	10≡	10≡	7.9	* ⋁ n-16, ≡
7	-4.2	-2.2	-4.5	-3.6	2.0	558.7	557.5	556.7	94	90	90	SW 0	SE 1	SE 1	10≡*	10≡	3	1.2	* n-8½, 19-20, ≡ n-20,
8	-4.6	-1.7	-3.3	-3.2	2.3	555.3	555.8	556.2	85	81	85	ENE 1	SSE 2	ENE 3	3	7	9	.	n (8/9) ⸙ [△ 15-15½
9	-3.1	0.3	-2.1	-1.6	3.8	553.0	553.4	552.8	83	71	79	ENE 3	SE 2	ENE 3	8	7	9	.	⸙ [* ⸸ ≡ 20½-n
10	-2.0	0.5	-5.2	-2.2	3.1	551.5	551.9	553.9	75	75	98	NE 1	SE 1	SSE 3	9	7	10≡*	1.7	≡ 15-15½,
11	-4.6	-0.8	-3.0	-2.8	2.4	557.6	560.2	561.5	95	88	91	WSW 2	SSE 0	WSW 0	4	6	3	.	
12	-1.9	1.8	-1.8	-0.6	4.4	561.4	561.4	560.3	87	84	90	SSW 1	SSW 1	SW 2	9	8	1	.	
13	0.4	**3.1**	-0.6	1.0	5.9	557.3	556.7	555.0	88	86	90	SSW 2	SSE 1	ENE 1	9	6	4	.	
14	0.0	2.6	-0.2	0.8	5.6	553.0	553.7	553.2	90	82	85	SSE 3	NE 1	ESE 2	7	6	2	.	
15	0.2	0.5	-3.2	-0.8	3.9	553.1	554.1	554.5	85	95	100	SSE 2	SW 0	WSW 2	3	10≡	10≡*	**4.0**	≡ 10-n, ⸙ 15-16, *)
16	-4.6	-0.4	-4.0	-3.0	1.6	555.7	557.2	558.5	100	98	98	WSW 3	SW 1	E 0	10≡*	10≡	10≡*	0.7	*° ⸸ n-11, ≡ ⋁,
17	-2.4	-0.4	-3.4	-2.1	2.4	558.7	559.4	559.0	87	82	98	ESE 1	S 1	NE 1	2	1	10≡	.	≡ 20-n [*° 18-n
18	-0.6	1.8	-3.5	-0.8	3.6	557.0	555.8	553.6	84	79	91	SE 2	S 1	WNW 1	2	6	10≡	5.2	≡ 14-n, * 17-20½, n
19	-4.4	-3.1	-8.1	-5.2	-0.9	**550.9**	551.1	551.4	90	87	86	NE 0	WSW 2	NW 0	10≡*	10≡*	10≡*	2.4	* ≡
20	-8.4	-5.3	-5.4	-6.4	-2.2	551.1	552.4	554.1	96	88	88	NE 0	SSE 3	WSW 1	7	3	9	.	≡ 19½-21
21	-4.6	-3.5	**-10.4**	-6.2	-2.2	553.1	552.5	552.5	78	74	88	ENE 1	ENE 2	SW 2	6	9	10≡*	3.7	≡ 15½-n, * 17-18, 21-n
22	-9.2	-4.0	-8.4	-7.2	-3.3	552.1	553.4	555.1	87	88	98	WSW 2	SSW 1	NE 0	3	9≡	10≡*	7.1	≡ 11½-n, * 17½-n
23	-8.6	-6.1	-6.3	-7.0	-3.2	555.6	556.4	556.9	95	97	84	NE 1	NE 1	ENE 0	4	9	9	.	≡ 8-13
24	-2.8	-0.3	-5.4	-2.8	0.9	556.7	557.5	559.2	81	70	86	E 0	SSW 1	WSW 1	7	9	10≡*	2.4	≡ 15½-n, * 19½-n
25	-3.9	-1.7	-5.2	-3.6	0.0	560.7	562.0	563.4	87	77	**68**	SW 1	SSW 2	WSW 2	4	7	3	.	
26	-1.9	-1.9	-2.4	-2.1	1.4	563.2	563.7	**563.8**	75	74	82	WSW 2	SSW 2	SW 1	1	6	7	1.2	≡ 16-17
27	-3.4	-2.8	-3.6	-3.3	0.0	562.0	561.7	561.0	98	97	98	NNE 2	NNW 1	NE 2	10≡*	10	10-*△	1.9	* n-12½, ≡, * △ 14-n
28	-3.2	-1.5	-1.3	-2.0	1.2	559.2	559.2	559.7	100	97	90	NE 1	NNE 1	ENE 1	10≡*	10≡	4	1.3	* ⋁ n-0, ≡ n-15
29	-0.9	1.1	-1.1	-0.3	2.8	559.0	559.0	558.9	80	79	85	E 1	NE 1	NNE 1	7	7	3	13.2	⸙ △ ≡ 16-17, ▲ 16-16½
30	-1.0	-1.9	-3.1	-2.0	1.0	558.2	559.1	560.7	95	100	100	SW 0	WSW 3	WSW 2	10≡	10≡*	10≡*	15.1	≡ 7½-n, * 9-n, ⸸ 16-n
Mittel	-3.5	-1.4	-4.0	-3.0	—	556.8	557.4	557.7	88	86	90	.			6.4	7.6	7.1	Summe 94.9	*) **15.** *² 14-n, ⸸ 19-n

April 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^m/_m$.

1	-4.1	0.0	-2.8	-2.3	1.7	582.5	582.9	583.4	95	72	94	S 2	S 1	S 1	10*	10*	10*	45.5	*², n *²
2	-4.4	-0.2	-4.2	-2.9	1.0	585.5	588.4	589.9	95	60	93	S 1	S 1	N 1	10*	10*	10*	9.4	*
3	-7.5	2.4	-2.2	-2.4	1.4	590.2	590.5	589.9	70	45	72	S 0	S 1	S 2	4	8	10	.	
4	-2.7	0.4	-2.4	-1.6	2.0	589.2	589.3	589.1	85	73	100	SSE 2	SSE 2	SSE 2	10	10*	10*	5.8	≡ 10-p, * 10-n
5	-3.0	2.2	-2.4	-1.1	2.4	589.3	589.9	590.9	97	54	90	S 3	SE 2	S 0	10*≡	10	6	.	⸙ ≡ *° ⸗² I
6	-1.4	-0.1	-1.3	-0.9	2.5	590.8	590.9	590.4	58	64	93	E 0	N 1	N 0	8	5	3	.	
7	-1.7	1.0	-2.2	-1.0	2.3	587.3	585.8	585.0	77	71	98	N 0	SE 1	SE 0	10	10*	10*≡	2.3	* 12½-n, ≡ III
8	-2.1	0.9	-1.4	-0.9	2.3	583.6	584.4	584.5	86	70	81	SE 3	S 2	S 3	10*	10	10*	7.6	⸙ I, III-n, * ⸸
9	-1.7	0.0	-2.4	-1.4	1.7	582.4	581.9	581.7	85	80	98	S 3	SE 3	S 1	10≡	10*	10*	**60.2**	≡ I, ⸙ n-II, *² 13-n
10	-3.1	-0.1	-2.6	-1.9	1.1	579.7	581.6	582.8	82	65	89	N 1	S 2	S 0	10*	10*	10≡	2.7	* ⸸ n-p, ≡ III-n
11	-4.0	1.8	-2.2	-1.5	1.3	586.1	589.6	591.0	82	59	99	S 0	SE 2	SE 0	10≡	10	10	.	≡
12	0.0	3.5	-1.1	0.8	3.5	590.6	599.6	589.6	56	51	97	S 1	S 1	N 0	9	10≡	10≡	15.3	≡ 11-n, n *
13	-1.0	2.9	-1.1	0.3	2.9	586.6	585.5	583.9	97	68	94	S 1	S 1	S 0	10≡	10≡	10	16.2	≡ n-18
14	0.1	4.8	0.4	1.8	4.3	581.4	581.4	581.6	90	58	97	S 2	S 2	S 1	10*	10	10	6.2	* n-11, ≡
15	-1.5	7.3	-0.4	1.8	4.1	581.4	582.2	583.4	90	37	96	S 0	SE 0	SE 0	10	9	10*	9.0	* 20-n
16	-0.9	4.8	-2.1	0.6	2.8	584.8	586.0	587.1	98	48	94	SE 0	S 0-1	S 1	10≡	10*	10*	10.3	≡ I, *
17	0.2	-1.6	-1.5	-1.0	1.1	587.3	587.8	587.6	74	59	74	SE 1	S 1	S 0	10	10*	5	2.5	* 11-16½
18	0.0	6.8	0.2	2.3	4.3	585.5	584.8	581.7	84	39	90	S 0	S 0	S 1	10≡	10≡	10*	6.1	≡, * 17½-n
19	-4.1	-4.8	-7.8	-5.6	-3.7	579.3	**579.1**	579.4	94	85	89	N 2	N 3	N 3	10≡	10*	10*	4.7	* ≡, p ⸙
20	-7.8	0.1	-3.3	-3.7	-1.9	579.5	581.0	582.2	88	73	59	N 2	S 2	SE 3	10	10	10*	12.7	* ⸙ 17-n
21	-2.9	-6.5	-8.0	-5.8	-4.2	581.1	580.3	581.8	59	68	75	S 1-2	N 2-3	N 0	10	10*	10	4.8	* 12-16, ⸙
22	-8.1	0.1	**-8.8**	-5.6	-4.1	581.4	582.0	584.0	69	65	71	N 0	E 0	N 1	0	1	2	.	
23	-6.9	-4.3	-5.9	-5.7	-4.3	584.4	585.2	585.6	74	54	88	N 1	N 1	N 1-2	3	10	2	.	
24	-4.8	6.0	-3.5	-0.8	0.5	585.6	586.7	588.2	45	**27**	98	N 0	S 1	S 0	1	5	10≡	.	≡ III-n
25	-2.4	-0.2	-3.1	-1.9	-0.7	589.8	591.3	590.9	80	59	90	S 1	S 2	S 1	10≡	10*	10*	5.1	≡ I, *
26	-3.8	5.0	-0.9	0.1	1.1	592.8	592.8	**593.6**	70	43	89	S 1	S 1	S 0	5	6	4	.	
27	-1.2	0.0	-1.8	-1.0	-0.1	590.5	590.6	589.8	51	75	97	N 1	N 1	N 1	10	10*	10*	9.4	* 12½-n
28	-2.2	3.8	0.1	0.6	1.4	588.9	588.3	588.1	95	50	97	N 1	N 0	N 0	10*	10*	10≡	5.8	*, ≡ 20-n
29	0.1	5.7	0.1	2.0	2.7	587.4	587.2	587.5	90	52	97	W 0	S 1	S 1	10≡	10*	10*	4.6	≡ I, * 13-n
30	0.2	**9.0**	-0.6	2.9	3.5	588.1	588.0	589.4	96	32	95	S 0	S 1	S 2	10≡	10*	10*	13.0	≡ *
Mittel	-2.8	1.7	-2.5	-1.2	—	585.8	586.2	586.5	80	59	90				8.7	9.1	8.7	Summe 259.2	

λ = 7° 26′, β = 46° 57′.
Hb = 572.2m, G = 0.05 m/m.

Bern.

Mai 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	**6.2**	12.1	8.6	9.0	−1.3	714.4	716.2	717.8	93	73	97	SE 1	SE 0	SE 0	10●	9	9	0.6	●° n-9
2	6.8	14.6	11.7	11.0	0.5	**717.9**	717.1	716.3	96	66	75	E 0	NE 2	E 0	10≡	2	1	.	≡² ⌓ n-10, ⸗ II
3	7.9	19.0	12.2	13.0	2.4	715.4	713.4	712.4	93	30	81	E 0	W 1	NE 0	1	1	1	.	⌓ I
4	10.6	20.6	16.2	15.8	5.1	712.7	710.9	710.0	74	35	75	S 0	NE 0	SW 0	4	3	10	0.3	⌓ I, n ●°
5	14.0	17.7	13.2	15.0	4.2	709.2	706.9	707.2	91	58	100	SW 0	NE 1	WSW 0	9	10	10	0.2	●° 17–18½
6	13.6	17.0	13.4	14.7	3.7	707.4	704.6	701.3	85	72	80	E 1	E 1	SE 0	4	10	10	.	
7	13.1	17.4	10.6	13.7	2.6	701.2	**700.5**	703.9	79	60	90	SE 0	NW 1	W 1	4	9●	10	6.7	● 13½–14, ⸗ ▲ 14
8	10.2	13.1	10.6	11.3	0.1	705.5	706.6	708.2	75	59	80	SW 1	SW 1	SW 0	9	9	5	.	●` 12
9	10.0	15.9	11.7	12.5	1.2	708.1	706.5	706.0	88	51	91	E 0	NW 1	NE 0	2	8	10	.	
10	10.2	17.6	12.4	13.4	1.9	705.9	705.5	706.6	95	51	89	SE 0	E 1	E 0	1	9	2	.	⌓ I
11	11.3	18.8	13.0	14.4	2.8	707.9	707.7	708.7	83	53	100	S 0	S 0	W 2	1	8	10●	**20.3**	●² 16, 21–n, ⸗ III–n
12	10.7	13.9	10.0	11.5	−0.2	709.0	709.1	709.5	86	58	84	W 2	NW 2	NW 0	8	8	4	1.3	⸗ n–II, ● 22
13	10.7	15.6	12.5	12.8	0.9	710.0	708.4	707.1	90	53	92	SE 0	W 0	W 0	8	9	10●	6.9	● III–n
14	8.9	10.2	8.9	9 3	−2.7	707.8	709.9	711.3	98	82	93	W 0	S 1	SE 0	10●	10●	8	4.0	● n–18
15	9.0	15.0	11.4	11.8	−0.3	711.1	710.3	710.7	97	71	95	SE 0	NE 2	NE 0	4	4	1	.	⸗ II
16	10.0	19.9	14.2	14.7	2.5	712.2	711.6	711.9	95	54	91	E 0	E 0	NE 0	3≡	3	1	.	⌓ ≡ I
17	14.0	23.8	16.1	18.0	5.6	712.5	711.2	712.0	83	36	64	SE 0	N 1	SE 0	1	3	3	.	a ⌓, ⌣ III
18	14.4	23.7	14.2	17.4	4.9	713.2	712.4	713.7	73	39	91	S 0	W 0	SE 0	5	6	2	0.7	a ⌓, ⸗ ●° ▲° 15
19	13.7	23.7	16.6	18.0	5.4	715.5	714.7	715.8	82	33	68	S 0	NE 1	NE 1	3	1	3	.	⌓ I
20	14.4	22.8	18.1	18.4	5.7	717.0	715 6	716.0	79	47	67	E 0	NE 1	SE 0	1	1	4	.	⌓ I, ⸜ III
21	15.3	24.3	15.7	18.4	5.5	716.5	715.3	716.2	76	45	96	S 0	E 0	SW 0	1	3	5	0.7	⌓ I, ●° 18½–19, ⸜ III
22	14.4	23.7	16.6	18.2	5.2	717.6	715 7	716.0	79	35	64	SSE 0	NW 0	W 0	1	2	1	.	⌓ I
23	15.9	**24.9**	17.2	19.3	6.2	717.5	716.5	717.4	75	39	64	SE 0	W 1	SW 0	2	6	2	.	
24	15.0	20.2	14.4	16.5	3.3	716.4	714.1	714.3	95	43	56	SW 0	W 2	W 1	10	4	9	2.0	⸗ II
25	10.5	16.7	13.1	13.4	0.1	714.7	713.7	713.5	100	48	71	S 0	W 1	NE 0	10	5	2	.	● n–I
26	12.4	20.0	12.4	14.9	1.4	712.4	710.8	712.1	84	45	98	SE 0	NE 2	NE 1	1	5	9	.	⌓ I, ⸗ II
27	12.1	17.5	12.4	14.0	0.4	712.7	713.0	714.8	93	33	51	NE 1	E 2	E 1	3	4	10	.	⸗ II
28	8.7	15.0	10.2	11.3	−2.4	716.2	715.7	715.9	75	31	54	NE 1	NE 2	E 1	1	6	3	.	⸗ II
29	10.1	15.8	12.5	12.8	−1.0	715.1	714.8	715.2	70	34	50	NE 1	E 2	E 1	3	8	2	.	⸗ II
30	11.0	18.1	13.2	14.1	0.1	715.8	715 6	716.8	75	43	59	SE 0	E 2	NE 0	1	4	2	.	⸗ II
31	11.7	20.0	14.9	15 5	1.4	717.7	717.0	717.5	72	**29**	41	NE 1	E 2	E 0	1	2	1	.	⌓ I, ⸗ II
																		Summe	
Mittel	11.5	18.3	13.2	14.3	—	712.5	711.6	712.1	85	49	78				4.3	5.5	5.2	43.7	

λ = 6° 57′, β = 47° 0′.
Hb = 487.3m. G = 0.06 m/m.

Neuchâtel.

Mai 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.2	11.6	8.8	9.5	−2.3	721.9	723.5	725.2	97	78	86	W 1	SW 1	N 1	10	10	2	0.2	●^ n-8
2	**7.2**	16.3	13.0	12.2	0.3	**725.6**	724.7	723.7	97	67	63	NE 1	S 1	NE 1	10	4	0	.	≡° n-9
3	8.2	18.4	11.9	12.8	0.8	723.1	721.1	719.6	89	54	69	NE 1	SE 1	NW 1	3	5	1	.	≡° II
4	10.6	20.9	15.8	15.8	3.6	720.1	718.3	717.0	80	41	66	SE 1	S 1	N 1	7	3	10	0.7	≡° I, ●° 19½–20
5	12.0	18.6	13.1	14.6	2.3	716.5	714.4	714.3	91	41	88	NE 0	NE 1	NE 1	10	10	10	0.7	●° n-8, 16-n
6	12.6	16.6	16.2	15.1	2.7	714.8	711.9	708.5	90	77	59	NW 1	E 2	NE 1	8	10	10	.	●` 12
7	13.0	16.5	11.3	13.6	1.0	708.6	**708.2**	711.6	77	64	87	W 1	SW 1	W 2	6	7	10	.	●° 17–III
8	9.7	13.1	11.7	11.5	−1.2	712.9	714.1	715.5	77	64	71	W 1	W 2	NW 1	9	9	8	.	
9	10.1	19.5	13.3	14.3	1.5	715.6	714 1	713.4	84	49	74	NE 1	SE 1	NW 0	5	6	9	.	
10	10.4	21.1	16.1	15.9	2.9	713.4	713.1	713.6	88	44	59	NE 1	NE 1	N 1	3	6	0	.	
11	11.0	20.8	11.5	14.4	1.3	715.2	714.9	716.1	88	48	94	NE 1	SW 1	NW 1	6	6	10●	**22.8**	≡° I, ●° 15½, ● 18-18½, *)
12	10.5	15.2	12.3	12.7	−0.6	716.5	716.8	716.8	88	56	58	W 1	W 1	NW 2	9	8	7	3.0	● 9½–10½, ●° 21, n
13	10.7	16.4	13.2	13.4	0.0	717.4	715.8	714.3	81	60	78	SW 1	SW 1	NW 1	9	9	8	0.3	
14	10.0	11.1	9.5	10.2	−3.3	715.2	717.5	718.8	85	77	79	W 1	W 1	NW 1	10●	10●	7	3.8	● n–15
15	11.0	17.4	13.0	13.8	0.1	718.6	717.9	718.1	78	62	76	E 1	E 2	E 2	2	4	0	.	
16	10.3	20.0	16.9	15.7	1.9	720.0	719.1	719.2	94	62	67	E 1	SE 1	NE 1	10≡	2	3	.	≡ n-9½
17	12.6	23.1	15.6	17.1	3.2	719 9	718.7	719.4	87	55	74	NE 1	SE 1	N 1	0	3	3	.	⸜ 16–18
18	12.8	23.2	15.4	17.1	3.1	720.8	719.9	721.1	86	53	75	N 1	SW 1	NW 0	2	6	6	.	●° 10, 11, 12, ≡° III
19	13.8	**25.4**	19.3	19.5	5.3	723.0	722.4	723.2	84	40	51	NE 1	E 1	NE 2	3	2	6	.	⸗ ≡° III
20	15.2	24.8	19.1	19.7	5.4	724.5	723.1	723.3	71	45	65	W 1	SE 1	W 1	0	1	5	.	⸜ 21
21	14.3	24.7	14.8	17.9	3.5	724.1	723.0	723.9	81	52	96	N 1	SE 1	NW 1	0	3	7	3.1	● 20-20½, ⸜ III–n
22	14.0	25.0	20.6	19.9	5.3	725.2	724.0	723.0	89	51	52	NW 1	SW 1	NW 2	0	1	0	.	⸗ III
23	15.6	25.2	18.8	19.9	5.2	724.9	724.1	724.3	77	43	64	NE 0	S 1	NW 2	3	7	4	1.3	n (²³ ²⁴) ●
24	15.9	21.2	14.8	17.3	2.5	723.7	721.7	721.8	72	36	43	W 1	W 3	NW 2	7	2	9	0.3	≡° I, p ⸗, n ●`
25	11.8	17.5	15.0	14.8	−0.2	722.2	721.4	720.8	86	61	57	NW 0	SW 1	N 2	10	6	0	.	●` 8, ⸗ III
26	12.1	17.2	13.0	14.1	−1.0	719.9	718.6	719.5	84	64	82	NE 1	N 1	N 1	5	9	9	13.3	≡° I, ● 14½–16, ⸜ ▲° 15
27	13.0	18.7	13.1	14.9	−0.3	720.0	720.5	721.3	72	44	47	NE 2	E 2	NE 2	2	7	7	.	
28	10.5	16.4	12.2	13.0	−2.3	723.7	723.6	723.3	60	39	46	E 2	E 2	E 2	0	5	3	.	
29	12.1	18.0	13.5	14.5	−1.0	722.4	722.6	722.8	57	41	48	E 2	NE 2	NE 2	2	7	3	.	
30	12.2	20.4	15.7	16.1	0.5	723.3	723.0	724.0	64	43	40	E 2	E 2	NE 2	0	3	0	.	
31	13.4	21.6	16.9	17.3	1.6	725.2	724.6	724.8	61	**32**	39	E 1	E 3	E 2	1	2	0	.	⸗ II
																		Summe	
Mitte	11.8	19.2	14.4	15.1	—	719.9	719.3	719.4	81	53	66				4.9	5.6	5.1	49.5	*) 11. ⸜ ●² 21-n

Mai 1918.
Beobachter: Frl. *H. Nager*.

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$Hb = 456.5^{m}$, $G = 0.05\,^{m}/_{m}$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.9	8.9	8.8	8.9	−2.3	724.5	726.4	**728.8**	90	84	100	NE 0	NW 0	NW 0	10●	10●	10●	15.1	●
2	**7.0**	14.0	12.0	11.0	−0.4	728.0	727.0	726.5	99	59	76	NE 0	NW 0-1	NE 0	3	4	0	.	≡° I
3	7.2	16.2	12.2	11.9	0.4	725.7	723.8	723.0	93	49	58	E 0	N 0	E 0	0	0	0	.	
4	10.4	19.1	16.2	15.2	3.6	722.4	721.1	720.0	76	49	42	W 0	N 1	E 0-1	4	1	0	.	
5	17.9	19.6	17.7	18.4	6.7	718.3	716.9	716.6	37	33	34	SE 1	SE 4-5	S 4	4	9	7	.	↙
6	12.7	20.2	17.4	16.8	4.9	717.4	715.4	712.8	76	33	34	NW 0-1	SE 3-4	SE 3	6	8	9	.	p ↙
7	10.0	21.4	15.8	17.7	5.7	**711.2**	711.3	712.3	42	**32**	36	E 0	SE 2-3	E 0	8	4	0	1.6	↙ II, n ●
8	11.6	15.2	11.6	12.8	0.7	715.2	717.4	718.3	84	56	97	W 0	N 1	NE 0	10	9	10●	0.9	p ●
9	11.3	16.0	11.6	13.0	0.8	718.2	716.4	715.9	87	54	98	NE 0	N 0	N 0	8	10	8	2.4	● 18–18½
10	11.7	17.2	13.0	14.0	1.7	716.0	715.9	716.7	89	53	75	W 0	N 1	E 0	10	5	0	.	
11	10.8	20.2	13.2	14.7	2.2	717.6	717.4	717.9	85	42	76	S 0	N 1	NE 0	1	3	2	1.8	
12	11.9	11.1	9.4	10.8	−1.8	718.9	719.9	719.8	93	90	100	N 0	NE 0	NE 0	10●	10●	0	10.2	● n–17
13	11.1	17.2	11.6	13.3	0.6	720.0	718.1	717.0	79	44	83	N 0	N 1	SE 0	7	3	0	0.6	n (13/14) ●°
14	11.9	9.2	8.8	10.0	−2.8	717.6	721.7	721.7	88	85	100	NE 0	N 0	E 0	10●	10●	10●	**15.8**	●
15	10.5	15.2	13.3	13.0	0.1	721.5	720.3	720.7	85	60	89	E 0	NW 0-1	N 0	10	7	9	0.3	a ●°
16	10.3	16.2	14.8	13.8	0.8	722.1	722.6	722.2	98	70	89	E 0	N 1	NE 0	0•	5	9	.	
17	12.6	20.2	15.5	16.1	2.9	722.1	721.5	722.0	80	49	91	NE 0	N 0	SW 0	0	5	8	0.3	K° 16, ●°–17
18	14.3	21.3	16.6	17.4	4.1	723.0	723.0	723.7	80	42	54	N 0	N 1	E 1	6	5	6	.	
19	12.8	21.7	13.6	16.0	2.6	725.1	724.2	726.9	80	73	95	N 0	NW 0	E 0	0	3	7	3.3	K 15½, ● 16–18
20	12.4	19.4	16.4	16.1	2.6	726.7	725.9	726.8	84	70	70	N 0	N 0-1	E 1	0	2	10	0.6	●° 16–III
21	13.9	22.2	15.0	17.0	3.4	726.5	725.9	725.5	79	50	79	N 0	N 1	NW 0	0	4	0	.	
22	13.2	23.2	16.6	17.7	4.0	725.6	725.7	725.9	42	42	64	NW 0-1	NW 0-1	E 0	0	1	0	.	
23	14.6	**23.4**	17.3	18.4	4.6	727.5	726.1	727.3	66	50	78	N 0	NW 1	E 0	0	2	9	.	●° 18
24	15.3	19.0	17.6	17.3	3.4	726.3	723.7	722.7	91	60	88	E 0	N 2	NE 3	10●	5	10	2.2	a ●, p ↙
25	12.9	18.0	15.0	15.3	1.3	724.2	724.2	723.5	73	49	70	NE 0	N 0	NW 0	8	5	10	.	
26	12.7	17.3	12.0	14.0	−0.2	722.5	721.2	722.2	86	58	90	N 0	NW 1-2	N 0	2	10	5	0.2	n (26/27) ●°
27	13.4	15.7	12.1	13.7	−0.6	722.7	722.9	724.8	85	53	90	N 0	NW 1	NW 0	10	10	8	.	
28	12.8	14.0	12.2	13.0	−1.4	726.0	726.8	725.8	63	44	59	NE 0	N 1	N 0	4	9	10	.	
29	11.4	13.6	11.3	12.1	−2.4	725.3	725.1	725.2	63	59	66	N 0	NW 0	NW 0	9	9	8	.	
30	8.4	15.3	13.1	12.3	−2.3	726.0	726.0	726.5	84	47	75	SE 0	NW 1	NW 0	0	8	4	.	
31	8.5	20.2	13.3	14.0	−0.7	726.8	727.5	727.5	73	35	54	N 0	N 1	N 0	0	5	1	.	
																		Summe	
Mittel	11.9	17.5	13.7	14.4	—	722.3	722.0	722.1	78	54	75				4.8	5.8	5.5	55.3	

Mai 1918.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$.
$Hb = 405.0^{m}$, $G = 0.02\,^{m}/_{m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.7	12.2	10.4	10.9	−0.2	729.2	730.7	732.2	91	80	80	SE 0	NE 1	NNE 1	3	9	0	.	
2	**8.2**	14.4	12.4	11.1	−0.1	**732.9**	731.6	730.5	88	63	75	NNE 0	NNE 1	NNE 0	0	0	0	.	△ I
3	10.0	16.2	13.5	11.9	0.5	730.3	728.0	726.6	80	56	72	SW 0	NNW 1	NNE 1	0	8	0	.	△ I
4	12.6	14.8	15.2	14.0	2.5	727.3	725.2	724.2	66	60	66	W 0	NNE 1	S 0	7	9	10	.	
5	12.2	16.6	12.9	14.0	2.4	723.0	722.2	722.0	81	63	87	NNE 1	W 0	W 0	9	10●	10	2.2	● 12, 17, 19, 22
6	11.4	16.4	15.0	13.8	2.0	721.5	718.9	715.7	96	69	79	NE 1	NNE 0	SW 0	9	9	5	.	
7	12.4	13.8	11.8	12.8	0.9	**715.5**	715.7	718.4	85	97	74	SE 0	NNE 0	SSW 1	8	10●	8	3.8	● 0–11, 16–20, n
8	10.8	12.4	12.2	11.8	−0.3	720.6	722.4	723.0	73	69	71	SW 0	SW 2	SW 1	9	9	7	.	↙ II
9	10.8	16.3	13.0	12.9	0.7	722.7	721.2	720.1	84	50	76	SW 0	NNE 1	NNE 1	2	2	0	.	
10	11.5	18.6	15.0	14.6	2.2	720.3	719.9	721.1	75	50	66	NNE 0	NNE 1	NNE 1	0	1	0	.	
11	13.3	22.7	14.2	15.9	3.4	722.5	722.2	723.2	87	33	74	SSW 0	SSW 1	SW 1	9	2	0	0.6	K 17½, n ●°
12	12.1	18.0	12.6	14.3	1.7	724.5	724.3	725.1	66	43	75	SSW 1	SW 1	SSW 1	7	9	10●	3.7	● 20–22, n
13	11.7	19.0	14.8	14.5	1.7	724.6	722.9	721.7	81	38	60	NNE 0	SSW 1	SSW 1	9	3	7	1.8	n (18/14) ●
14	8.8	15.1	9.6	11.3	−1.6	723.0	724.3	725.7	97	51	86	N 1	SSW 1	NNE 1	10●	2	0	**4.3**	● 7½–10
15	10.0	15.4	13.8	11.8	−1.3	725.5	724.4	725.0	83	57	76	SE 1	NNE 1	NNE 0	0	3	3	.	
16	12.6	17.4	14.5	14.0	0.8	726.8	725.7	725.9	81	63	76	SW 0	NNE 1	NNW 0	0	0	0	.	
17	12.0	22.2	17.0	16.2	2.9	727.0	725.5	726.1	80	48	72	NW 0	NNE 1	NNE 1	0	1	0	.	K 15, Ψ Ψ 21
18	14.2	22.2	15.8	16.4	2.9	727.8	726.9	727.9	76	48	71	NNW 1	NNE 1	NNE 1	0	8	0	.	K 16
19	13.4	21.8	19.0	17.2	3.6	729.9	729.3	729.6	82	50	51	NE 1	NNW 1	NNE 0	0	1	1	.	Ψ Ψ 21, ∠ III
20	15.0	21.8	21.2	18.5	4.7	731.4	730.1	730.6	78	50	53	NNE 0	NNE 1	SSW 1	0	1	7	.	∠ III
21	16.0	24.4	19.0	18.6	4.7	731.1	729.8	730.9	76	45	66	SSW 0	NNE 1	SW 1	0	1	10●	0.9	K 17–18, ● 20–21½
22	15.0	20.2	19.4	17.9	3.9	732.2	731.0	730.6	77	63	61	E 0	NNE 1	SW 0	0	1	0	.	
23	16.5	**25.1**	19.3	19.9	5.7	732.1	731.3	732.2	67	39	67	E 1	SW 1	W 0	0	1	9	.	
24	16.4	22.4	15.1	18.1	3.8	731.4	729.5	729.6	73	36	54	SSW 1	SSW 1	SSW 1	9	1	0	.	
25	13.4	17.0	15.2	14.9	0.5	729.4	728.3	727.3	73	55	66	NW 0	NNE 1	NNE 1	9	1	0	.	
26	13.5	19.8	15.8	15.7	1.1	727.0	725.1	726.0	74	51	62	SSE 0	NNE 1	NNE 1	0	7	9	.	↙
27	13.7	18.8	14.7	15.6	0.9	726.8	726.6	728.4	77	41	50	N 1	NNE 2	NNE 3	9	1	0	.	↙
28	11.8	15.5	13.2	13.5	−1.3	729.4	729.1	729.0	52	36	45	NNE 3	NNE 3	NNE 3	0	0	0	.	↙
29	11.8	18.0	13.5	14.4	−0.6	728.4	728.1	728.4	56	**27**	52	NNE 1	NNE 3	NNE 2	2	2	0	.	↙, (D) 9½
30	12.0	17.9	16.2	14.7	−0.4	730.2	729.8	730.3	64	45	46	N 1	N 1	NNE 2	0	4	0	.	p ↙
31	13.5	20.4	17.2	15.6	0.4	731.2	730.7	730.6	59	40	41	SSE 0	NNW 1	NNE 2	0	0	0	.	p ↙
																		Summe	
Mittel	12.4	18.3	14.9	14.7	-	727.0	726.2	726.4	77	52	66				3.6	3.7	3.1	17.3	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$.
$Hb = 493.2^m$, $G = 0.08\,^m/_m$.

Zürich.

Mai 1918
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	7.5	9.6	9.0	8.7	−2.0	721.0	723.2	725.1	85	86	100	S 1	SW 0	SW 0	10●	10●	10	5.9	● n−20
2	8.0	16.0	11.4	11.8	1.0	725.2	724.6	723.6	100	58	67	SE 0	NE 1	E 1	10	3	0	.	≡° I
3	7.4	20.6	12.2	13.4	2.5	722.7	720.4	719.6	91	46	72	E 0	NW 1	E 0	1	0	0	.	
4	11.0	21.4	14.6	15.7	4.6	719.3	718.1	716.8	75	40	58	E 0	NE 1	NE 0	6	1	2	.	
5	13.4	20.9	13.0	15.8	4.6	716.2	714.0	713.8	66	43	85	NW 1	NE 1	NW 1	9	9	9	.	●° 16
6	12.4	20.2	17.9	16.8	5.5	715.0	712.4	708.8	85	53	36	NE 1	NE 1	SW 2	9	10	10	.	⸙ 18−2½
7	13.5	20.9	11.8	15.4	3.9	707.9	707.2	710.2	58	45	89	NW 0	NE 1	W 1	4	9	10	5.5	●° 21, ● 21−3
8	11.3	15.0	11.0	12.4	0.8	712.0	713.3	715.3	69	52	87	SW 1	W 2	W 0	8	9	10	0.1	●° 8, 13, 18, ⸙
9	11.1	17.9	11.2	13.4	1.6	715.4	713.7	713.1	86	44	85	SE 0	N 0	NE 1	9	7	1	.	p ⸙
10	11.2	19.6	12.8	14.5	2.6	713.2	712.5	713.5	80	49	79	NW 1	NE 1	NE 1	4	4	2	.	
11	10.9	22.1	13.6	15.5	3.5	714.7	714.4	715.1	84	47	80	NE 0	NW 0	E 1	1	7	9	12.6	● ⸙ 17, 19−19½
12	11.0	15.2	10.0	12.1	−0.1	715.8	716.0	716.5	94	63	86	S 0	NW 1	E 0	10●	9	2	2.4	● 0−9, ⸙, ● △ 14, 15
13	10.4	17.7	12.2	13.4	1.1	717.1	715.6	714.0	87	51	75	S 0	NE 1	NE 0	10	4	4	0.2	● 6−7
14	10.8	9.6	9.1	9.8	−2.7	714.7	717.1	718.2	89	84	85	NW 1	W 1	SW 0	10●	10●	10	10.9	● 7−14½, 23−24
15	10.0	15.1	12.1	12.4	−0.2	718.7	718.0	717.9	85	66	85	S 0	NE 1	NE 1	10	8	2	0.1	●° 9−10, p ⸙
16	10.6	17.8	12.3	13.6	0.9	719.1	719.4	719.1	91	66	92	NE 0	E 1	NE 0	10	2	1	.	●° 8
17	10.4	24.9	15.7	17.0	4.1	719.5	718.3	718.7	91	43	76	E 0	W 0	N 0	0	1	2	.	
18	13.5	24.9	15.4	17.9	4.9	719.9	719.4	720.2	82	42	77	E 0	N 1	NE 0	4	4	1	.	
19	13.3	26.4	16.2	18.6	5.4	722.2	721.9	723.3	78	48	75	E 0	NE 1	NE 0	1	2	7	.	⸙ 17
20	13.1	26.6	16.2	18.6	5.3	723.8	722.7	723.1	74	42	75	NE 0	NE 1	SW 0	0	1	1	.	
21	13.8	26.3	16.2	18.8	5.3	723.5	722.7	722.5	80	46	75	E 0	NW 1	SE 0	0	1	2	.	
22	16.2	25.7	17.0	19.6	6.0	724.1	723.0	722.4	72	41	70	NW 0	NW 1	N 0	1	1	1	0.1	
23	16.4	25.2	18.6	20.1	6.4	724.2	722.9	723.4	82	43	50	N 0	NW 1	NW 0	5	2	2	0.3	●° 6, p ⸙
24	15.4	19.9	13.0	16.1	2.2	723.1	720.2	720.5	84	56	55	NW 1	NW 2	NW 2	9	8	10●	0.9	●° 4, 11½, ⸙, ● 21−23
25	11.6	17.6	13.2	14.1	0.1	721.2	720.5	720.4	87	48	76	SW 1	NW 2	NW 0	9	5	7	.	⸙
26	12.8	13.7	13.4	13.3	−0.8	719.6	719.6	719.5	85	87	90	N 0	NW 1	N 0	4	10●	9	3.4	⸙, ⸜ ● 12−14½
27	11.0	19.0	11.4	13.8	−0.5	720.2	720.5	722.6	79	35	51	NE 1	NE 1	NE 1	3	4	4	.	⸙
28	8.5	15.1	11.4	11.7	−2.7	723.8	723.5	723.2	71	35	60	NE 0	E 1	N 0	0	7	4	.	a ⸙, ●° 11½
29	9.7	17.1	12.4	13.1	−1.4	722.7	722.6	722.6	66	36	50	NE 0	NE 1	NE 1	5	8	7	.	⸙, ●° 16, 18½
30	10.6	21.0	13.6	15.1	0.5	723.2	722.9	724.0	74	30	43	NE 1	E 2	N 1	0	3	0	.	⸙
31	12.0	23.2	12.6	15.9	1.2	725.3	724.6	724.9	64	28	56	NE 1	NE 2	NE 1	0	2	0	.	⸙
																		Summe	
Mittel	11.6	19.6	13.2	14.8	—	719.5	718.9	719.1	81	50	72				5.2	5.2	4.5	42.4	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$.
$Hb = 1787.3^m$, $G = -0.11\,^m/_m$.

Rigi-Kulm.

Mai 1918.
Beobachter: *Hospenthal. Fr. Schreiber.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−0.8	1.0	0.2	0.1	−1.9	614.7	616.8	619.1	100	100	100	W 2	W 2	W 0	10*≡	10*●	10≡	10.8	a ✳, ≡, ● ✳ II ⊠
2	2.0	6.6	2.8	3.8	1.6	618.6	619.1	619.1	82	75	96	SE 0	SE 0	SE 0	3	10	0	.	a ≡° ⊠
3	4.6	9.2	6.4	6.7	4.4	617.6	617.5	617.0	45	45	70	SE 0	S 0−1	S 0	0	0	0	.	⊠
4	5.2	10.6	8.0	7.9	5.5	616.0	615.7	615.0	42	48	47	W 0	S 1	SW 2	5	3	3	.	
5	5.4	8.6	5.4	6.5	4.0	613.0	612.1	611.4	66	58	63	S 2	S 3	S 2	5	5	7	.	⸙ II
6	6.0	8.6	6.6	7.1	4.4	611.5	611.1	607.3	75	65	50	S 1	S 3	S 4	7	10	7	.	p n ⸙
7	7.8	11.2	2.4	7.1	4.3	606.0	605.9	606.8	48	43	100	S 3	S 1	W 4	10	7	10●≡	16.3	⸙ I, p ≡°, ⸜ 21, ⸙ ● ≡−n
8	1.0	3.0	1.6	1.9	−1.0	608.0	609.6	611.0	100	100	100	W 1	W 0	W 1	10	10●≡	10≡	0.4	a ≡°, ●° II, p ≡
9	2.6	4.2	3.2	3.3	0.3	610.9	611.4	609.9	95	87	95	W 0	W 1	SE 1	10	10	7	.	≡° n−II
10	4.4	8.4	4.2	5.7	2.6	609.5	609.8	611.3	85	70	92	E 0	E 0	E 0	7	5	3	.	≡° I
11	6.4	10.2	5.4	7.3	4.0	611.4	612.2	612.3	59	70	73	E 0	E 0	E 1	1	7	10	4.3	△ 17, ● ≡−19
12	1.6	2.6	2.1	2.1	−1.3	611.5	611.7	611.6	100	100	100	W 2	W 0	W 2	10●≡	10*≡	10*	9.6	≡ n−II, a ●, p ✳
13	1.6	5.8	4.4	3.9	0.4	612.5	612.3	611.0	94	76	88	W 1	SW 1	S 1	10≡	7	7	1.2	≡ n−II
14	1.4	0.0	−0.2	0.4	−3.2	610.7	611.9	612.9	94	100	95	NW 2	W 1	W 1	10●*	10*	7	16.6	● ✳ ≡ n−II
15	1.2	6.2	4.6	4.0	0.3	613.2	613.9	613.6	97	75	94	NE 1	E 1	E 1	10	10	5	.	≡° n−II
16	7.0	8.2	6.2	7.1	3.2	615.0	616.0	616.2	53	85	94	E 0	E 0	E 0	0	0	0	.	
17	8.2	11.2	10.2	9.9	5.9	616.4	616.6	616.9	75	74	68	E 0	E 0	E 0	0	3	5	.	
18	10.4	11.4	9.6	10.5	6.4	617.4	617.9	617.9	65	62	64	E 0	E 0	NE 0	3	3	3	.	
19	9.2	13.0	11.3	11.2	7.0	619.0	619.8	620.1	76	68	75	NE 1	NE 2	NE 1	0	3	0	.	
20	9.2	11.0	8.8	9.7	5.4	620.3	621.3	620.6	68	86	60	NE 1	NE 0	SE 3	0	0	5	.	⸙ III
21	9.2	14.4	10.1	11.2	6.7	620.3	620.6	621.2	72	53	49	SW 0	SW 1	SW 2	0	3	3	1.8	⸜° ● 15½
22	9.0	11.8	10.8	10.5	5.9	620.8	621.1	619.9	76	73	78	W 0	SW 0	SW 0	0	3	0	.	
23	10.0	13.0	9.6	10.9	6.2	621.2	620.0	619.8	82	85	69	W 0	SW 0	SW 0	5	3	7	4.6	n (23/24) ●
24	5.8	6.8	4.8	5.8	1.0	619.2	617.5	616.5	96	98	86	W 0	NW 2	NW 3	10≡	10	10≡	5.6	≡, ⸙ III
25	2.2	4.2	4.6	3.7	−1.2	616.3	616.5	616.8	100	94	92	W 2	W 1	W 0	10●≡	10	5	.	● ≡ n−I, ≡°−II
26	7.0	*9.0	*6.0	7.3	2.2	615.6	*615.5	*616.5	86	—	—	W 0	— *0	— *0	3	10*	10*	*3.0	⸜ ● 17
27	*4.0	4.2	1.8	3.3	−1.9	*615.0	616.2	616.7	—	76	64	— *0	NE 1	NE 2	10*	10	7	.	
28	0.0	2.0	2.8	1.6	−3.7	616.9	618.0	617.8	66	68	62	NE 1	NE 1	NE 2	3	5	5	.	
29	2.0	4.4	3.2	3.2	−2.2	616.7	617.3	617.9	62	66	60	NE 3	S 1	NE 1	5	10	10*	.	⸙ I
30	3.0	6.2	4.6	4.6	−0.9	617.4	617.9	619.5	66	79	72	NE 2	NE 1	NE 1	0	3	0	.	
41	4.6	8.8	5.6	6.3	0.6	619.7	620.3	620.7	72	52	58	NE 1	NE 1	S 1	0	3	0	.	
																		Summe	
Mittel	4.9	7.6	5.4	6.0	—	615.2	615.6	615.6	77	74	77				5.1	6.2	5.4	74.2	

Mai 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$.
$H_b = 1712.6^m$, $G = -0.12^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.6	8.4	4.1	5.4	2.1	620.3	621.4	623.9	82	48	72	N 1	W 3	W 1	9	8	10	0.5	⸗ II, ●° 18
2	1.4	10.0	2.4	4.6	1.2	624.3	624.0	624.1	85	42	58	NE 0	W 3	— 0	1	2	0	.	⸗ II
3	0.0	12.2	2.4	4.9	1.3	624.4	622.8	622.9	80	36	61	SE 0	S 2	W 1	0	0	0	.	
4	0.2	11.5	4.2	5.3	1.5	622.7	622.4	622.2	75	39	64	SW 0	S 1	— 0	4	0	0	.	
5	7.2	7.0	3.9	6.0	2.1	620.9	620.8	619.8	80	71	88	W 1	S 0	W 1	10	10●	10	0.2	●° II, III
6	4.8	10.0	4.8	6.5	2.4	619.6	618.3	617.1	89	61	82	N 0	S 2	W 1	10	10	10	1.0	● III–n
7	5.4	9.2	3.2	5.9	1.6	**613.3**	**613.3**	613.9	85	65	84	S 4	SW 2	W 1	10●	9	10	1.5	● ⸗ I
8	4.0	8.2	2.4	4.9	0.5	614.0	614.9	616.3	84	56	86	S 0	S 3	W 1	10	9	5	0.2	⸗ △° II
9	4.0	9.3	5.4	6.2	1.6	616.3	614.7	614.4	88	51	81	S 0	NW 3	— 0	7	8	10●	0.8	⸗ II, ●° III
10	4.6	12.8	4.2	7.2	2.4	614.6	614.8	616.8	91	50	62	N 2	SW 1	W 1	8	4	4	.	
11	2.6	14.2	6.4	7.7	2.7	617.9	618.1	618.5	77	39	85	S 1	SW 2	W 1	2	3	2	1.0	n (11/12) ●
12	5.2	11.2	2.4	6.3	1.2	617.8	617.1	618.1	90	48	81	S 1	SE 2	— 0	9	4	3	.	≡° I
13	1.8	10.5	5.8	6.0	0.7	618.7	617.8	617.6	95	40	74	N 0	S 3	SW 1	1	8	4	0.2	⸗ II, n ●
14	4.1	9.5	1.6	5.1	−0.3	616.9	616.1	618.1	90	51	96	S 2	W 2	N 1	10	10	10	7.2	≡° I, ●° II, ● ▲ 17
15	5.1	11.7	3.8	6.9	1.3	618.4	618.3	620.3	91	51	76	N 2	W 3	W 1	7	7	2	.	⸗ II
16	4.6	13.2	6.4	8.1	2.3	620.8	620.4	622.4	91	49	89	SE 1	S 2	W 2	0	9	10	5.0	● 17–19
17	3.9	15.6	8.0	9.2	3.3	622.4	621.3	622.4	96	44	66	SW 0	S 2	SW 1	10≡	6	6	2.3	≡ I, ● ▲ 14½–15, ∠ 21
18	5.6	15.3	7.9	9.6	3.5	622.9	622.5	623.8	91	40	56	N 1	NE 1	W 1	3	5	6	.	∠ III
19	5.1	15.6	6.8	9.2	2.9	624.9	624.5	625.7	90	34	74	S 0	N 1	— 0	0	5	3	.	
20	6.3	17.0	6.6	10.0	3.6	626.4	625.7	626.6	85	35	80	E 0	S 2	— 0	0	5	0	.	
21	7.8	16.6	8.0	10.8	4.2	627.0	626.3	626.9	87	36	67	E 0	E 1	W 1	3	3	0	.	∠ III
22	8.0	17.6	7.6	11.1	4.4	**627.5**	626.4	626.7	80	35	62	NE 0	S 1	— 0	1	1	0	.	
23	8.0	**19.6**	8.0	11.9	5.0	627.1	625.9	626.0	73	**32**	65	S 1	E 1	W 1	0	1	3	.	
24	8.6	18.2	9.0	11.9	4.9	624.5	621.3	620.6	80	38	59	W 1	SE 3	W 2	1	4	8	1.0	⸗ II, ● 18½
25	6.6	12.1	7.8	8.8	1.6	620.3	620.8	621.6	59	47	54	N 1	N 2	W 2	7	5	7	.	
26	6.8	12.0	8.0	8.9	1.6	620.7	620.0	620.6	76	46	69	N 0	W 3	N 1	9	8	10	0.4	n (26/27) ●°
27	5.8	8.4	3.2	5.8	−1.7	620.6	620.0	621.4	91	69	80	N 0	N 2	W 1	10	10●	9	1.0	● n–II
28	1.6	5.4	0.9	2.6	−5.0	621.5	621.7	622.3	75	45	74	N 2	N 4	NE 1	10	9	10	.	⸗ II, ✳° III
29	4.0	7.4	3.7	5.0	−2.7	621.8	621.8	622.9	65	51	63	NE 1	NE 3	NE 1	7	10	10	.	⸗ II
30	3.3	12.0	5.5	6.9	−0.9	623.7	623.2	624.6	79	42	62	N 2	N 1	— 0	10	7	0	.	
31	5.4	11.4	6.2	7.7	−0.3	625.3	624.7	626.0	79	36	46	N 2	N 3	N 2	2	2	0	.	⸗ II
																		Summe	
Mittel	4.7	12.0	5.2	7.3	—	621.2	620.7	621.4	83	46	72				5.5	5.9	5.2	22.3	

Mai 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00^m/_m$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.6	14.4	11.2	11.4	−0.9	716.4	717.3	719.3	97	53	61	NW 0	S 0	SW 0	10●	9	10	.	●° I
2	9.4	19.3	12.6	13.8	1.3	719.4	717.1	718.3	73	33	45	NE 0	S 1	SW 0	0	3	0	.	
3	10.5	20.5	14.4	15.1	2.5	717.6	715.8	714.8	61	**21**	40	E 0	S 0	NE 0	0	1	0	.	
4	12.0	22.0	16.6	16.9	4.2	714.5	712.0	713.4	50	23	52	NE 0	S 0–1	E 0–1	2	0	9	0.4	●° 21
5	16.0	19.8	15.2	17.0	4.1	712.1	709.0	710.5	60	30	38	NE 0–1	NE 2–3	NE 0	10	10	3	.	⸗ 10–19
6	14.2	19.8	17.2	17.1	4.1	710.5	707.7	705.4	56	33	34	SW 0–1	NE 2–3	NE 4	7	10	2	.	⸗ 12–III, ⸗–2
7	12.8	17.6	13.4	14.6	1.5	705.1	**704.4**	706.0	61	50	57	NE 1–2	SW 0–1	SW 0–1	9	9	8	*3.0	
8	11.0	18.3	12.0	13.8	0.5	708.8	708.1	710.1	94	48	63	W 0–1	SW 2–3	SW 1	10	9	3	.	● 6, ⸗ II
9	10.9	19.8	13.0	14.6	1.2	710.7	707.9	707.4	90	37	56	S 0	SW 2	SW 0–1	10	4	0	.	
10	11.7	21.0	15.2	16.0	2.5	708.5	706.9	708.5	70	31	46	NE 0	W 0–1	S 0	1	2	2	.	
11	13.0	21.5	15.4	16.6	3.0	710.9	709.2	709.1	61	34	59	NE 0	SW 1–2	SW 1–2	6	5	9	.	∠ III, ⸗ 22
12	12.1	19.8	11.8	14.6	0.8	710.6	709.6	712.2	86	32	59	W 1	SW 3	E 0	10	3	4	.	●° I, ⸗ 13–19
13	12.2	21.0	13.7	15.6	1.7	711.8	709.3	710.1	67	29	58	N 0	W 1–2	E 0	10	3	5	.	
14	11.5	15.2	9.5	12.1	−1.9	709.0	710.3	713.6	98	44	73	S 0–1	SW 1–2	E 0	10●	9	7	*7.0	● 7½–8½, ●° 15
15	9.2	20.1	14.8	14.7	0.6	712.4	717.2	712.4	67	31	70	E 0	S 0–1	SW 0	2	0	3	.	
16	13.1	23.0	17.0	17.7	3.4	713.7	711.8	713.4	62	38	48	E 0	S 1	SW 0–1	0	4	9	.	⊿ I
17	15.0	25.9	17.4	19.4	5.0	714.7	711.8	715.6	60	30	46	NE 0	S 1	SW 0	0	7	6	.	⋓ III
18	15.0	25.6	17.0	19.2	4.7	715.2	714.2	715.0	60	32	51	E 0–1	SW 1–2	S 0	0	3	9	.	∠ ●° ⋓ III
19	15.2	26.0	19.6	20.3	5.7	718.2	716.4	717.6	62	32	42	NE 0–1	NW 1–2	E 0	0	2	9	.	
20	16.2	**26.1**	19.6	20.6	5.8	719.5	717.3	717.7	50	32	45	E 0–1	SW 1–2	SW 0	0	2	10	.	
21	16.3	25.4	18.6	20.1	5.2	719.9	717.4	719.5	55	38	45	E 0	SW 0–1	SW 0	1	4	9	.	
22	15.8	25.4	17.8	19.7	4.7	**720.9**	718.0	718.3	53	24	42	NE 0–1	SW 0	E 0	0	0	0	.	
23	15.7	25.3	19.9	20.3	5.2	720.6	718.3	719.4	50	27	46	E 0–1	SW 1–2	SW 0–1	0	1	7		
24	17.8	19.1	16.3	17.7	2.4	718.9	715.1	715.1	73	39	37	SE 0–1	NW 1–2	NW 0–1	5	4	0	.	
25	14.2	21.5	15.6	17.1	1.7	716.5	714.3	715.0	66	37	49	NW 1–2	W 2–3	W 2	9	2	0	.	●° 5, ⸗ II
26	13.5	23.6	14.4	17.2	1.7	714.1	710.7	714.6	66	34	70	SE 0	S 2	SW 0	0	6	10	.	●° 20
27	12.6	23.7	15.2	17.2	1.6	713.2	711.4	714.9	92	39	41	S 0	SW 1	SW 0	4	7	8	.	⊿ I, ●° 16
28	13.0	17.2	12.0	14.1	−1.6	715.7	715.2	716.6	50	23	35	S 0–1	S 0–1	NE 0	0	1	6	.	
29	11.6	19.6	12.8	14.7	−1.1	715.6	714.2	715.7	48	31	46	S 0–1	W 0–1	SW 0	0	6	0	.	
30	12.6	*17.0	14.4	14.7	−1.3	716.5	*716.0	717.6	50	*45	56	NE 0	— 0	NE 0	0	8*	4	.	
31	13.6	22.8	16.4	17.6	1.5	719.1	716.3	718.5	56	37	37	SE 0	SW 0–1	SW 0–1	0	3	0	.	
																		Summe	
Mittel	13.1	21.2	15.2	16.5	—	714.5	712.9	714.1	66	34	50				3.7	4.4	4.9	10.4	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$.
$Hb = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Mai 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.6	18.2	12.8	14.2	1.1	739.8	739.4	740.1	72	40	62	E 0	S 0	NW 0	4	4	0	.	●° n–l
2	11.2	18.8	13.4	14.5	1.2	742.1	741.2	741.8	58	42	75	N 0	S 0	N 0	0	0	0	.	
3	11.8	21.2	14.8	15.9	2.5	742.2	739.9	739.5	75	40	60	N 0	S 0	N 0	0	0	0	.	
4	14.4	21.6	15.2	17.1	3.6	739.5	737.9	738.4	70	35	85	N 0	S 0	N 0	0	0	0	8.5	n (4/5) ●
5	12.8	14.8	12.2	13.3	−0.4	739.2	738.2	738.2	89	70	90	N 0	E 0	N 0	10●	10	10●	10.6	● l, 10, 15–n
6	11.4	12.4	12.2	12.0	−1.8	737.7	737.7	736.1	90	90	90	N 0	W 0	W 0	10	10●	10●	15.9	●, n ●
7	11.2	12.4	11.4	11.7	−2.2	729.9	731.1	731.3	85	85	90	NW 0	N 0	N 0	10	10●	10●	**31.0**	●² 9½–18½, 20½–n
8	10.6	14.8	11.2	12.2	−1.9	731.8	733.6	733.8	90	58	80	N 0	S 0	N 0	10●	10	0	.	●° l
9	**9.4**	18.4	15.2	14.3	0.1	733.3	729.5	729.4	80	40	60	N 0	SE 0	N 0	0	0	0	.	
10	12.4	20.6	15.4	16.1	1.8	**729.1**	729.5	732.2	70	40	55	N 0	S 0	N 0	0	0	0	.	
11	13.4	19.0	14.6	15.7	1.2	735.3	735.8	736.5	70	45	70	NE 0	S 0	N 0	10	6	8	2.0	n (11/12) ●
12	12.6	14.4	12.4	13.1	−1.5	735.9	735.8	735.9	90	80	90	N 0	S 0	N 0	10	10●	10	2.5	● 13–p
13	11.6	18.6	14.2	14.8	0.1	736.2	734.8	734.9	78	40	85	N 0	S 0	N 0	0	4	10	12.5	● 21–n
14	11.4	14.2	10.0	11.9	−3.0	734.6	733.5	734.1	88	70	75	N 0	SW 0	N 0	10	10	10	18.8	a ●°, p ●²
15	9.8	20.4	16.2	15 5	0.5	734.3	733.9	736.6	80	40	65	N 0	S 0	N 0	0	0	0	.	
16	13.8	22.2	16.4	17.5	2.4	738.3	736.9	738.0	80	35	70	N 0	S 0	N 0	0	0	0	.	
17	15.4	21.4	17.2	18.0	2.7	739.2	738.2	738.8	80	45	80	NW 0	S 0	N 0	10	0	10●	8.2	●° III, ⚹ 22½, n ●
18	15.8	23.0	18.6	19.1	3.7	739.0	738.3	738.0	85	45	88	N 0	S 0	N 0	10	0	10●	13.2	⚹ ● 18½, 21–21½, n ●
19	15.6	22.4	20.2	19.4	3.9	741.2	741.0	741.3	82	45	86	N 0	S 0	N 0	0	0	8	0.6	●° 16½–17½
20	17.0	25.2	20.4	20.9	5.2	742.9	742.0	741.9	60	35	80	N 0	S 0	N 0	0	0	8	.	
21	15.0	26.0	16.8	19.3	3.5	742.8	742.8	743.3	70	32	65	N 0	S 0	N 0	4	0	0	.	
22	18.2	26.8	20.4	21.8	5.9	743.7	742.7	742.0	60	35	65	N 0	S 0	N 0	0	0	0	.	
23	16.8	**27.0**	18.4	20.7	4.6	742.8	741.7	741.0	60	30	42	N 0	S 0	N 0	0	0	0	.	
24	16.8	26.2	19.4	20.8	4.6	739.2	736.1	734.6	62	38	70	N 0	S 0	N 0	0	0	0	.	
25	21.2	25.2	20.2	22.2	5.9	734.7	734.6	735.8	22	**18**	22	NE 1	NE 2	NE 2	0	0	0	.	⚹
26	17.6	26.2	18.4	20.7	4.2	736.2	734.7	735.4	50	35	55	SW 0	S 0	N 0	0	0	10	13.5	⚹ 23–24, ● 23–n
27	12.6	16.6	12.6	13.9	−2.7	738.7	738.2	739.5	90	65	72	N 0	SE 0	N 0	10●	10	10	4.2	●
28	13.0	17.4	13.0	14.5	−2.2	739.8	738.4	739.6	65	45	70	N 0	SW 0	N 0	0	0	10	.	
29	11.6	18.8	12.6	14.3	−2.6	739.8	738.6	741.2	70	40	65	N 0	S 0	N 0	10	10	10	.	
30	12.8	20.6	13.8	15.7	−1.3	741.9	740.7	741.9	65	30	55	N 0	S 0	N 0	10	10	0	.	
31	14.4	20.0	13.0	15.8	−1.3	743.4	742.1	**744.1**	60	40	58	N 0	S 0	N 0	0	10	0	.	
																		Summe	
Mittel	13.7	20.2	15.2	16.4	—	738.2	737.4	737.9	73	46	70				4.1	3.7	4.7	141.5	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Mai 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	9.2	10.4	10.6	10.1	−1.3	739.8	742.1	744.0	97	93	93	NW 0	NW 1	NW 1	10●	10	10	0.5	●° n–12½
2	9.2	15.4	11.9	12.2	0.7	744.3	743.3	742.6	95	71	86	NW 1	N 1	NW 0	10	5	0	.	
3	**7.2**	19.8	13.8	13.6	1.0	741.2	738.4	737.7	91	44	69	E 1	N 1	SE 0	3	2	0	.	≡° l
4	11.4	22.0	18.3	17.2	5.4	737.5	735.7	734.6	78	44	57	SE 1	E 1	SE 0	7	2	7	.	
5	13.6	17.2	13.2	14.7	2.8	734.7	732.8	732.8	69	62	88	W 0	NW 1	SW 1	10	9	10	1.0	●° 16–19½
6	13.0	17.6	18.8	16.5	4.5	733.4	730.9	726.2	98	75	54	N 0	N 1	SE 1	10	10	10	.	● 6–7
7	13.8	20.0	12.2	15.3	3.2	726.1	**725.2**	728.6	86	65	90	SE 1	NW 1	SE 0	6	6	10	7.5	⚹ ⚸ 16-17, ●-20, 22-22½
8	11.0	14.4	12.4	12.6	0.3	730.5	731.7	733.6	87	75	83	W 0	W 1	NW 1	10●	10	10	0.5	● 2–8, ●° 10–12½
9	11.7	17.6	13.8	14.4	2.0	733.8	732.4	731.6	87	53	81	S 1	NE 1	W 1	8	5	2	.	
10	11.3	18 8	14.6	14.9	2.4	731.7	731.0	731.9	92	58	76	E 0	W 1	S 0	10	6	0	.	
11	11.6	20.0	14.2	15.3	2.6	733.1	732.7	733.2	80	59	89	SE 1	W 1	E 0	1	9	10●	**9.5**	⚹ ● ⚸ 15–16, ● 21–2
12	12.1	14.8	11.9	12.9	0.1	733.9	734.7	734.7	95	58	82	SE 2	W 2	SW 1	6	8	9	0.7	● 6, ●° 17–19, 22–22½
13	11.4	15.2	12.5	13.0	0.1	735.4	734.3	732.5	85	61	87	NW 1	W 1	W 1	10	8	8	8.0	● 22–22½
14	10.2	13.4	10.6	11.4	−1.6	733.6	735.1	736.9	97	71	85	NW 1	W 1	S 0	10●	9	3	4.0	● 4½–12
15	10.0	15.6	13.9	13.2	0.0	737.6	736.6	736.4	89	75	82	NE 0	NW 1	E 1	10	10	4	.	
16	13.8	19.4	16.6	16.6	3.3	737.4	736.8	737.1	82	58	74	SE 2	SE 1	SE 1	4	0	1	.	
17	14.6	23.8	18.8	19.1	5.7	737.5	736.2	736.3	78	45	60	E 1	NW 1	E 1	0	2	3	.	
18	15.6	23.8	17.4	18.9	5.3	737.9	737.7	738.6	77	54	84	SE 1	E 1	SW 0	2	7	2	.	☋ III
19	15.2	24.8	17.7	19.2	5.5	740.9	740.3	741.7	78	46	76	SE 1	NW 1	W 0	4	3	8	.	☋ 22
20	15.0	23.6	19.1	19.2	5.4	742.7	741.5	741.2	76	49	84	E 1	N 1	W 0	0	2	1	.	
21	15.8	24.2	19.6	19.9	6.0	741.8	740.5	740.4	81	54	71	E 1	NE 1	E 0	0	3	1	.	
22	17.2	25.2	19.9	20.8	6.7	742.3	741.1	740.9	74	41	72	E 1	W 1	S 1	3	2	0	.	
23	17.0	**25.6**	19.2	20.6	6.4	742.4	741.2	742.6	72	40	68	E 1	W 1	W 2	1	4	8	0.8	●° 23½–1
24	16.6	20.0	14.6	17.1	2.8	741.7	739.4	739.9	78	50	56	SW 1	W 3	NW 2	8	4	9	.	⚸ II, ●° 20½–21
25	13.2	18.4	15.2	15.6	1.1	740.3	739.4	739.0	77	47	71	W 1	W 1	SW 1	8	4	1	.	
26	13.2	18.8	14.2	15.4	0.8	738.3	737.3	738.4	77	63	89	SE 1	SE 1	NW 1	6	10	10	0.7	●° 14½–15, 18–19
27	10.8	17.8	14.6	14.4	−0.3	739.5	739.1	741.2	93	48	46	W 1	NW 1	E 1	7	7	9	0.1	●° 16–20
28	9.4	17.0	14.0	13.5	−1.4	743.3	742.2	742.2	74	36	53	SW 1	NE 1	NE 0	2	7	0	.	
29	10.2	18.2	13.2	13.9	−1.1	742.1	741.3	741.8	70	**29**	62	W 1	NE 2	NW 1	2	7	5	.	
30	10.6	20.8	16.0	15.8	0.7	742.7	741.5	742.8	80	30	53	NW 1	E 1	E 1	2	7	1	.	
31	11.0	22.4	17.0	16.8	1.5	**744.6**	743.1	743.5	77	**29**	59	SW 1	E 1	S 0	1	4	0	.	
																		Summe	
Mittel	12.4	19.2	15.2	15.6	—	738.1	737.3	737.6	83	54	74				5.5	5.9	4.9	33.3	

Mai 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-3.2	-0.7	-3.2	-2.4	0.5	562.3	564.5	566.5	100	91	100	WSW 1	WSW 2	NNW 1	10≡	10≡*	9≡	0.3	≡, ✳° 10½-14, 21
2	-0.1	1.1	-1.8	-0.3	2.4	566.3	566.9	566.9	88	86	85	SSE 0	SE 0	E 0	2	10≡	1	.	≡ 13½-17½
3	1.6	3.3	0.4	1.8	4.4	565.7	565.8	565.3	72	80	85	SW 2	SSW 1	WSW 3	1	2	1	.	
4	1.9	5.3	3.0	3.4	5.9	564.4	564.8	564.3	70	70	73	NW 2	SSW 1	SSW 2	6	5	3	.	
5	3.0	4.3	1.6	3.0	5.3	562.8	561.7	560.6	76	78	82	SSW 1	SSW 3	SW 3	9	9	3	.	
6	3.7	5.9	1.9	3.8	6.0	560.7	560.6	558.0	81	80	80	SW 2	SSW 3	ESE 3	4	9	9	.	
7	2.8	4.9	-0.2	2.5	4.6	556.4	556.1	**556.0**	80	77	98	ENE 2	SE 0	WSW 3	6	9	10≡	4.8	≡ 20-n, n ✳
8	-3.6	-0.1	-1.4	-1.7	0.3	556.2	557.9	559.4	100	100	100	WSW 2	SW 1	WSW 2	10≡	10≡	10≡	1.8	≡ V, ✳ 12½-13
9	-1.6	-0.7	-1.2	-1.2	0.6	559.2	559.1	558.4	100	98	100	NW 0	NNW 0	NNW 1	10≡	10≡	10≡	1.2	V !, ≡, △ ✳ 17-18
10	-1.2	2.9	-0.4	0.4	2.1	557.9	558.8	560.0	100	88	85	N 0	ENE 0	SW 1	10≡	7	3	.	V ≡ n-8
11	1.8	5.8	1.6	3.1	4.7	560.5	561.6	561.2	92	83	98	WSW 2	SSW 1	SSE 1	4	9	10≡	8.9	△ 19, ≡ 18-n, n ✳
12	-0.9	-2.5	-2.5	-2.0	-0.6	559.9	559.5	560.6	100	100	100	WSW 0	WSW 3	WSW 4	10≡*	10≡*	10≡*	**41.6**	≡² ✳² ⊹ V, ⸗ III
13	-2.7	1.9	-0.6	-0.5	0.8	560.6	560.6	559.8	98	98	88	WSW 2	SW 1	SSW 2	8	8	3	.	≡ 8½-18, ∠° III
14	-0.2	-3.2	-3.7	-2.4	-1.2	559.2	559.5	560.8	90	91	100	SSE 0	WNW 3	NNW 2	9	10≡*	10≡*	19.5	≡ ✳ 10-n, p ⊹
15	-2.2	0.1	2.6	0.2	1.3	561.5	562.2	563.2	100	100	98	NE 1	NE 1	ESE 0	10≡	10≡	1	.	≡ n-18½
16	2.8	3.2	2.6	2.9	3.8	563.7	564.7	565.4	76	88	75	WNW 1	NW 2	NW 1	1	5	1	.	
17	4.7	6.8	4.3	5.3	6.1	565.4	565.7	565.9	**69**	80	72	W 0	SSW 0	WSW 0	1	6	3	.	
18	3.4	6.4	3.2	4.3	5.0	566.0	566.8	567.2	95	82	85	NNW 1	NW 0	NNW 1	7	4	1	1.3	⌞ 16-18, △ ≡ 17-18
19	4.4	5.6	3.2	4.4	5.0	567.8	569.0	569.1	75	78	80	NE 2	NE 0	NNE 3	1	4	2	1.2	p ●
20	4.3	6.3	4.8	5.1	5.5	569.2	569.8	569.7	71	80	75	NNE 2	NNE 0	NNE 1	1	4	1	0.4	p ●°
21	6.2	8.2	4.8	6.4	6.7	569.2	569.8	569.8	81	80	87	NE 0	ESE 0	NNE 1	1	9	9	.	≡ 15-16, ∠° III
22	6.8	**10.3**	5.9	7.7	7.8	569.8	**570.4**	570.3	75	75	80	ENE 1	ESE 1	NE 0	1	7	3	.	
23	7.7	10.1	4.1	7.3	7.3	570.2	570.2	569.8	88	81	94	NNE 0	E 0	SSE 4	9	9	10≡	21.4	⌞ 16, 19, *)
24	2.6	4.1	-0.7	2.0	1.9	567.5	565.5	563.8	95	100	100	WSW 2	SW 3	WSW 4	10≡●	10≡	10≡	23.9	●² 6-9½, ≡, p ⸗, n ✳²
25	-2.8	-0.7	-1.0	-1.5	-1.7	563.0	564.0	564.9	100	100	100	WSW 2	WSW 2	WSW 1	10≡	10≡	10≡	1.7	≡ V, △ ✳ 21
26	-0.4	0.8	-0.7	-0.1	-0.4	563.8	564.0	564.1	100	100	97	SW 1	WSW 1	WNW 0	10≡	10≡	3	1.2	✳ 8, a V, △° 9-14, ≡
27	-0.7	-2.2	-4.7	-2.5	-3.0	563.4	563.7	564.3	100	100	100	N 1	NNW 2	NE 1	10≡	10≡	10≡*	0.9	≡, ✳ ⊹ 20-n
28	-5.5	-4.9	-4.8	-5.1	-5.7	563.8	564.8	565.0	90	98	98	NE 1	NE 1	NE 2	10≡	10≡	10≡	.	≡, △ 11½-12
29	-4.5	-3.2	-4.1	-3.9	-4.6	564.0	565.2	565.3	96	98	98	ENE 1	NE 1	NE 1	10≡	9	4	.	≡ n-8, 10-13, 16-21
30	0.5	-0.1	-1.2	-0.3	-1.1	565.4	566.8	567.6	75	92	89	NE 1	NE 1	NE 1	3	10	1	.	≡ 11-13½, 17-21
31	-0.9	1.5	0.0	0.2	-0.7	567.5	568.8	569.1	80	80	85	NE 2	NW 1	NNE 2	1	5	1	.	
																		Summe	
Mittel	0.9	2.6	0.4	1.3	—	563.6	564.2	564.3	87	88	90				6.3	8.1	5.5	130.1	

*) 23. △ 16, 19-19½, ●-20, ≡ 10½, 16½-n, ⸗ III

Mai 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	-0.8	0.6	-1.6	-0.6	-0.1	591.3	593.3	594.8	89	80	94	E 0	N 1	N 3	10≡	10*	10*	1.8	≡ !, ✳ 11-n, ⸗ III
2	-1.2	3.3	1.2	1.1	1.4	594.9	595.4	595.5	94	46	82	N 1	N 1-2	N 1-2	0	2	0	.	
3	4.4	9.1	1.8	5.1	5.3	594.4	596.3	593.9	47	33	35	S 0	SE 0	S 0	0	0	0	.	
4	4.4	10.5	4.7	6.5	6.6	592.9	593.1	593.7	40	28	70	S 0	S 0	S 1	5	1	10	1.7	
5	2.8	2.6	0.3	1.9	1.9	591.3	591.3	590.2	80	81	98	S 2	S 2-3	S 3	10●	10●	10*	17.8	● n-13, p ● ✳ ⸗, ✳ III
6	2.0	3.1	1.2	2.1	2.0	589.9	589.2	586.9	89	90	78	S 2	S 2	S 3	10≡	10*	10*	33.6	≡ !, ✳² ●² 9-n, ⸗
7	0.5	3.6	-0.1	1.3	1.1	**584.1**	584.3	584.8	95	68	97	S 1-2	S 1	S 0	10≡	10≡	10*	5.2	≡ n-14½, ● ✳-n
8	0.2	9.2	0.4	3.3	2.9	585.1	586.5	587.8	96	40	96	S 0	S 0	N 1	10≡	10	10≡	1.3	≡●
9	0.1	2.8	1.2	1.4	0.9	587.4	587.0	586.1	95	65	95	N 0-1	N 1-2	N 3	10≡	5	10	.	≡ n-10, ⸗ III
10	0.6	4.9	2.2	2.6	2.0	586.2	586.9	588.3	95	32	75	N 1-2	N 0	N 1	10	1	0	.	
11	5.6	8.5	3.4	3.8	5.1	589.0	590.1	590.3	51	50	81	N 0	S 0	S 1	0	10	10●	13.8	≡ 9-p, ● ✳ 15-n
12	2.4	4.7	0.3	2.5	1.6	588.4	588.9	589.4	79	57	81	S 1	S 0	N 0	10*	10*	3	6.2	✳ n-15½
13	1.4	5.6	2.4	3.1	2.1	589.2	589.5	588.8	48	46	74	SE 0	S 0-1	SE 1	0	10	10	5.3	
14	1.0	-1.1	-2.7	-0.9	-2.0	587.3	587.8	588.7	83	92	95	S 1	N 1-2	N 2	10*	10*	10≡	**34.6**	✳² n-20, ≡-n
15	**-4.8**	2.9	2.1	0.1	-1.1	589.5	590.2	591.2	97	69	64	N 1	N 1-2	N 0	10≡	1	0	.	≡ n-9
16	4.5	10.2	4.2	6.3	5.0	591.9	592.8	593.6	47	36	93	N 0	N 0	N 0	0	8	3	.	
17	6.1	10.8	5.4	7.4	6.0	593.3	593.6	594.2	50	37	69	N 0-1	N 0	N 0-1	0	5	5	.	
18	5.2	7.2	5.1	5.8	4.3	594.1	594.8	595.5	62	50	70	N 1	N 1	N 1	4	1	7	.	∠ 20-n
19	5.8	9.4	4.1	6.4	4.7	595.9	596.7	597.5	55	37	52	N 1	N 1	N 0-1	0	1	4	.	
20	6.4	9.1	5.1	6.9	5.1	597.1	597.5	598.2	50	39	74	N 0	NE 0	N 2	0	6	5	2.8	∠ 20½-n, n ●
21	9.3	12.3	7.6	9.7	7.8	597.6	598.0	598.4	51	40	55	S 0	S 0	S 0	5	2	3	.	
22	8.8	**13.8**	7.6	10.1	8.1	598.3	**598.5**	598.2	56	32	50	S 0	S 0	S 0	0	3	0	.	
23	7.3	13.3	5.2	8.6	6.5	598.2	598.2	598.2	38	**25**	92	N 0	S 0	N 2	0	0	5	.	
24	5.4	9.5	3.4	6.1	3.9	595.9	594.1	592.8	72	37	68	N 1-2	N 1	N 3-4	0	2	4	2.3	●° 16½-18, ⸗ III-n, n ✳
25	0.2	3.0	2.2	1.8	-0.6	591.6	592.7	593.2	85	70	97	N 3-4	N 3	N 3-4	6	5	10	.	⸗, ∠ III-n
26	2.3	5.6	2.0	3.3	0.8	592.1	592.2	592.2	72	55	98	N 1	N 2	N 2	3	9	10≡	.	≡ III-n
27	2.0	1.6	-1.1	0.8	-1.8	591.5	591.6	592.4	96	94	74	N 1	N 2-3	N 3	10*	10●	5	2.4	≡, p ⸗, ● 15-17,
28	-3.3	-0.9	-1.9	-2.0	-4.7	592.0	592.9	593.1	87	55	72	N 2	N 3	N 2-3	10	10	8	1.1	a ✳, p ⸗ [✳-18½
29	-0.6	1.5	-0.5	0.1	-2.7	592.5	593.2	593.7	70	52	78	N 2	N 2	N 1	5	9	3	.	
30	1.8	3.6	2.4	2.6	-0.3	594.0	595.0	595.9	51	60	74	N 0	N 2	N 2	7	10	2	.	
31	2.3	5.2	3.0	3.5	0.4	596.1	596.7	597.4	69	44	59	N 2	N 1-2	N 0-1	0	5	0	.	
																		Summe	
Mittel	2.6	6.0	2.3	3.6	—	592.0	592.5	592.7	71	53	77				5.0	6.0	5.7	129.9	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,m/m$.

Bern.

Juni 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.8	21.0	14.1	16.0	1.8	718.9	717.9	718.6	68	42	69	SE 0	NE 2	E 0	0	2	1	.	△ I, ⸙ II
2	11.8	18.9	14.0	14.9	0.6	717.6	716.3	715.7	78	47	61	NE 1	NE 1	E 0	0	1	1	.	
3	12.6	21.0	14.9	16.2	1.8	715.0	713.1	713.0	74	28	64	SE 0	W 1	E 0	1	3	7	.	△ I
4	12.7	17.5	10.2	13.5	−1.1	712.8	712.8	713.8	74	42	88	SE 0	NE 1	NE 0	0	4	3	.	△ I
5	8.4	15.1	9.0	10.8	−3.9	713.2	713.5	714.0	77	29	52	NE 0	E 1	E 0	8	5	1	.	
6	8.3	17.3	11.7	12.4	−2.4	713.6	713.4	714.4	66	31	45	SE 0	E 2	NE 0	1	2	1	.	△ I, ⸙ II
7	10.0	20.1	14.5	14.9	0.0	716.3	716.1	717.7	65	**19**	52	SE 0	NE 1	E 0	1	2	2	.	△ I
8	13.1	23.2	15.8	17.4	2.4	719.7	719.2	**719.8**	65	24	53	S 0	NE 0	NE 0	0	5	2	.	△ I
9	14.3	**23.7**	17.8	18.6	3.5	719.2	715.8	713.5	71	24	59	S 0	N 0	N 0	2	1	2	1.1	△ I
10	12.5	10.1	**8.0**	10.2	−5.0	710.4	710.9	711.4	100	95	97	W 0	N 0	W 0	10●	10●	10	**32.5**	●² 6–21
11	8.9	12.6	12.5	11.3	−4.0	709.5	709.7	710.7	94	91	97	E 1	E 1	SSE 0	10	10	10	2.1	⸜ ● 21
12	15.7	16.1	12.5	14.8	−0.7	711.0	712.7	714.6	78	61	96	E 1	SE 0	SE 0	9	10	9	2.7	● 14½–15, 17½–18½
13	14.0	20.9	15.2	16.7	1.1	716.0	715.9	716.7	91	41	66	SE 0	NE 1	E 0	3	3	2	.	
14	14.3	23.2	18.1	18.5	2.8	716.4	714.2	712.5	81	31	73	S 0	N 0	SW 0	1	1	2	.	△ I
15	15.4	16.9	14.0	15.4	−0.4	709.3	707.7	708.3	84	79	99	S 0	NW 0	SW 0	5	10	10●	**32.5**	⸜ ●² 13–18, ●²–n
16	10.2	12.0	10.7	11.0	−4.9	707.1	706.8	705.8	97	86	95	W 0	NW 0	NE 0	10●	10●	10	10.7	● n–p
17	10.1	12.0	9.1	10.4	−5.6	**701.9**	704.9	708.2	93	93	95	NE 0	N 0	W 0	10	10●	10●	12.6	a ●°, ● 13–n
18	**8.0**	11.7	9.5	9.7	−6.4	711.6	712.0	712.0	94	72	95	W 0	E 0	S 0	10●	9	2	1.9	● n–II
19	10.1	15.9	12.2	12.7	−3.5	710.9	710.2	710.8	86	54	94	SE 0	W 0	W 0	3	10	9●	2.5	△ I, ● 14½–n
20	11.6	14.4	11.1	12.4	−3.9	710.9	711.6	714.8	94	67	87	SW 0	SW 1	W 0	9	10	10●	11.6	a ●° ● 14½–8
21	10.6	12.6	12.2	11.8	−4.6	713.2	713.4	715.4	96	89	92	S 0	W 2	SW 0	10●	10●	10	12.0	● n–16½, ⸙ II
22	12.6	18.0	15.3	15.3	−1.2	713.4	713.9	714.5	96	66	65	WSW 1	W 2	W 1	10●	5	10	3.1	● n–10, n, ⸙ II
23	12.6	15.4	9.3	12.4	−4.1	714.7	714.8	716.9	62	38	74	W 1	W 3	S 0	6	8	7	0.2	⸙ II, p ●°
24	10.1	16.1	12.9	13.0	−3.6	716.2	713.3	712.6	68	29	56	SW 0	W 1	SW 0	1	9	9	3.2	△ I, n ●
25	9.7	17.7	14.9	14.1	−2.6	713.2	712.4	711.9	100	48	80	SW 0	W 1	W 0	10●	6	3	0.7	●° n–10
26	13.1	19.7	13.6	15.5	−1.3	711.0	711.3	711.0	82	53	92	S 0	W 1	E 0	8	8	4	11.9	△ I, ⸜ ● ▲ 15–16
27	11.0	15.9	11.7	12.9	−4.0	710.4	712.4	713.7	98	55	95	W 0	SW 1	NE 0	10●	4	2	8.5	⸜ ● 6½–9
28	11.0	19.4	14.8	15.1	−1.9	714.3	713.4	713.8	91	33	78	E 0	E 1	NE 0	2≡	3	8	12.2	△ ≡ I
29	14.7	16.7	14.0	15.1	−1.9	714.7	714.3	715.0	72	64	84	SE 1	SW 0	NE 0	1	7	4	.	⸜ ● 1½–2½
30	12.8	19.1	14.7	15.5	−1.6	714.2	711.8	711.3	83	48	47	E 0	N 1	E 1	1	1	2	.	△ I
Mittel	11.8	17.1	12.9	13.9	—	713.2	712.9	713.4	83	53	77				5.1	6.0	5.4	Summe 162.0	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,m/m$.

Neuchâtel.

Juni 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	14.9	23.2	16.2	18.1	2.2	726.3	725.6	725.7	61	43	53	E 2	E 2	NE 1	0	5	3	.	
2	13.4	21.2	15.8	16.8	0.8	725.2	723.8	723.0	62	46	51	E 2	E 2	NE 1	0	1	0	.	
3	12.3	23.1	16.0	17.1	1.0	722.7	720.8	720.3	76	38	49	NE 1	SE 1	N 3	0	5	2	.	≡° II, ⸙ III
4	12.5	18.4	11.8	14.2	−2.0	720.2	720.2	721.4	79	39	66	SW 1	NE 1	NE 3	0	6	3	.	⸙ III
5	10.4	17.8	10.6	12.9	−3.4	720.8	720.8	721.7	64	37	48	E 1	E 2	E 2	8	6	0	.	
6	10.0	19.2	14.6	14.6	−1.9	721.3	721.5	721.9	62	31	34	NE 2	E 3	NE 2	0	0	0	.	⸙ II
7	13.1	22.1	16.0	17.1	0.5	723.9	724.1	725.1	54	**26**	48	E 1	E 2	NE 1	0	1	0	.	
8	12.2	23.5	18.7	18.1	1.4	**727.3**	726.8	726.8	75	73	41	NE 1	SW 1	N 3	0	7	0	.	⸙ 18–n
9	14.4	**23.9**	20.0	19.4	2.6	726.6	723.5	720.4	73	38	48	E 1	S 1	N 1	2	2	0	6.0	
10	12.3	10.7	**8.2**	10.4	−6.5	717.7	718.2	718.9	95	80	97	NW 1	NW 2	N 1	10●	10●	10●	19.3	●² ⸙ 6–n
11	10.6	13.6	14.5	12.9	−4.1	716.9	717.2	717.7	84	84	89	NE 1	NE 1	NE 2	10	10	10	1.5	⸜ ⸙ III, ●–n
12	15.5	21.4	13.2	16.7	−0.3	718.1	719.4	721.9	66	59	91	NE 1	SE 1	NE 1	10	7	7	.	
13	13.2	23.2	18.2	18.2	0.9	723.4	723.4	723.8	89	45	47	NE 1	SE 1	NW 1	3	3	2	.	
14	13.8	23.7	20.8	19.4	2.0	723.7	721.6	719.2	80	45	48	NE 1	SW 1	NW 2	0	1	0	.	
15	15.6	18.8	12.6	15.7	−1.8	716.6	714.9	715.2	81	82	95	SW 1	W 1	NW 1	9	8	10●	22.6	⸜ ● 11½–12½, ●² 16–n
16	9.4	12.0	11.0	10.8	−6.8	714.6	714.5	713.3	86	90	97	SE 1	E 1	N 1	10●	10●	10●	14.0	●, n ●
17	10.8	12.5	9.2	10.8	−6.9	**709.5**	712.2	715.5	91	87	86	E 2	SW 1	NW 1	8	10●	9	4.3	● 12–19½
18	8.9	14.2	9.0	10.7	−7.1	719.0	720.2	719.4	96	73	85	W 0	SE 1	N 1	10●	8	2	0.2	● n–9
19	9.1	15.7	11.8	12.2	−5.7	718.6	717.7	718.3	92	66	87	NE 0	SW 1	NW 1	8	10	10	4.6	≡° I, p ●°, ● 20–n
20	10.8	14.3	11.2	12.1	−5.9	718.7	719.0	722.3	95	83	93	W 1	W 1	W 1	10●	9	10	16.7	●, n ●
21	10.5	11.9	12.4	11.6	−6.5	720.9	721.1	723.0	96	96	88	SW 2	SW 2	W 1	10●	10●	10	**24.6**	●² n–17, n
22	12.5	17.5	14.7	14.9	−3.2	721.4	721.9	722.2	96	64	76	W 2	SW 2	W 2	10●	9	10	1.3	● n–11, n, ●° III
23	12.2	15.4	9.6	12.4	−5.9	722.4	722.6	724.4	66	46	67	W 2	W 2	NW 1	7	7	3	0.3	●° 18½
24	10.5	15.8	14.4	13.6	−4.8	723.8	721.0	719.8	74	49	51	NE 1	SW 1	NW 2	2	9	10	.	⸙ 16–n
25	11.5	17.6	13.0	14.0	−4.5	720.6	720.0	719.2	80	57	77	W 1	SW 1	N 1	9	7	4	.	
26	12.0	21.6	14.7	16.1	−2.5	718.5	718.1	718.4	87	52	73	NE 1	NW 2	NE 1	7	7	2	8.0	p ⸙
27	10.5	15.8	12.6	13.0	−5.7	717.4	720.0	720.9	83	62	75	NE 2	S 1	NE 1	10●	6	0	1.1	⸜ ● n–8
28	11.8	20.2	14.6	15.5	−3.3	721.8	720.9	721.5	86	52	74	E 1	S 1	NE 0	3	4	8	.	
29	14.2	18.8	13.8	15.6	−3.3	722.2	721.5	722.3	83	62	76	NE 1	SW 1	NE 1	2	6	7	5.0	⸜ ● ⸙ 10½–12½, [15–16½
30	14.3	20.7	15.7	16.9	−2.0	722.0	719.1	718.4	81	55	55	E 1	NE 2	E 2	3	2	0	.	
Mittel	12.1	18.3	13.8	14.7	—	720.7	720.4	720.7	80	59	69				5.4	6.2	4.7	Summe 131.9	

Juni 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$.
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.2	19.6	15.1	15.3	0.5	729.1	727.4	727.9	73	47	60	NE 0	N 1-2	N 0	0	7	10●	0.5	●° 15, 17, 21
2	12.2	18.5	14.4	15.0	0.1	728.2	726.5	725.7	77	50	63	NE 0	N 1-2	N 0	10	1	6	.	
3	12.5	18.4	17.4	16.1	1.1	724.4	723.3	722.8	45	45	38	NE 0	NW 2	NW 0	2	6	7	.	⸗ 10–19
4	13.2	16.2	13.6	14.3	−0.8	722.5	723.0	723.4	69	50	57	N 0	N 2	NW 0	5	8	10	.	⸗ 9½–19
5	9.8	10.2	8.1	9.4	−5.8	722.3	724.5	725.2	85	65	88	NWo-1	N 0	SE 0	10●	10●	0	2.9	≡ I. ●–II
6	7.8	17.7	11.8	12.4	−2.9	724.1	722.9	724.4	70	36	51	E 0	N 0-1	NE 0	0	3	0	.	
7	9.8	18.4	13.3	13.8	−1.6	726.3	726.5	727.9	68	39	54	N 0	NW 2	N 0	0	5	0	.	
8	11.8	22.0	15.8	16.5	1.0	729.9	729.3	729.6	69	30	58	N 0	N 1-2	W 0	0	5	8	.	
9	14.0	23.3	19.4	18.9	3.3	729.0	725.5	723.6	73	29	55	E 0	N 1	N 0	0	2	10	.	
10	17.0	13.0	10.4	13.5	−2.2	719.5	721.3	721.1	78	100	100	N 0	N 0	NE 0	10	10●	10●	8.3	● 10–n
11	11.3	15.4	13.5	13.4	−2.4	719.4	720.4	720.4	88	89	96	N 0	N 1	NE 0	9	9	10●	8.8	● III–n
12	14.8	13.2	12.6	13.5	−2.4	719.8	723.1	724.2	78	87	100	N 1	N 0	N 0	10●	10●	10●	25.1	●I
13	13.6	20.2	14.8	16.2	0.2	725.5	726.3	726.8	90	45	83	NW 0	N 2	NW 0	8	3	2	.	
14	14.4	22.1	18.9	18.5	2.4	725.8	723.1	721.8	74	45	62	SE 0	NWo-1	S 0	0	1	8	.	
15	16.5	19.4	15.0	17.0	0.8	718.7	716.5	717.5	77	52	99	NW 0	NW4-5	NW 0	9	10	10●	7.3	⸗ II. ● III–n
16	14.2	14.7	12.2	13.7	−2.6	715.7	715.6	716.0	81	79	100	NW 0	NW 0	N 0	10●	10●	10●	14.7	●
17	12.9	13.2	8.6	11.6	−4.8	712.3	713.9	719.2	88	98	95	NE 0	N 0	NW 0	10●	10●	10●	66.8	●²
18	6.2	9.8	9.4	8.5	−7.9	722.3	723.8	722.6	97	80	96	SE 0	SE 0	E 0	10●	10●	7	7.4	● n–II
19	8.6	17.9	13.5	13.3	−3.2	721.2	719.1	720.5	79	35	80	S 0	NW 0	N 0	0	3	10	2.4	n (19/20) ●
20	12.4	15.1	11.0	12.8	−3.8	720.7	721.2	724.4	91	60	100	N 0	NW 0	NW 0	10●	10●	10●	10.9	●
21	10.8	11.4	10.1	10.8	−5.9	723.5	723.2	725.2	97	95	99	NW 0	E 0-1	SW 0	10●	10●	10	38.1	●² n–19
22	10.2	19.0	18.1	15.8	−1.0	723.2	722.2	722.4	100	65	49	N 0	S 0-1	NW 4	10●	5	10	6.9	a ●, ⸗ III
23	13.8	15.4	9.0	12.7	−4.1	723.5	722.7	727.1	44	31	72	NE 2	NW2-3	NWo-1	9	10●	10●	6.7	⸗ II. ● 14–n. ▲° 17
24	8.3	16.7	12.6	12.5	−4.4	726.5	722.5	722.1	92	37	72	NE 0	N 0-1	N 0	7	8	7	0.3	
25	11.2	13.5	10.5	11.7	−5.3	722.8	722.4	722.3	89	71	78	N 0	NW 0	NE 0	10●	9●	0	1.9	● I–p
26	11.0	15.0	13.2	13.1	−3.9	720.9	721.4	721.5	91	90	100	N 0	NE 0	N 0	0	10	10	1.7	p ●
27	12.2	13.3	11.9	12.5	−4.6	718.4	722.6	723.8	98	70	95	NW 0	N 2	NE 0	10●	10●	10	2.7	● n–II
28	11.1	19.2	13.8	14.7	−2.5	724.1	724.0	724.0	84	40	77	NE 0	N 2	E 0	2	5	7	2.8	
29	11.8	16.2	15.1	14.4	−2.8	725.3	726.1	725.0	100	55	74	NE 0	NE 0	E 0	4	7●	10	0.3	● 4. ●° II
30	13.7	19.2	16.4	16.4	−0.9	724.2	721.8	720.9	84	45	51	NE 0	N 1	N 0-1	2	2	8	.	p ⸗
Mittel	11.9	16.6	13.3	13.9	—	723.0	722.7	723.3	81	59	77				5.9	7.0	7.7	Summe 216.5	

Juni 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$. $\beta = 46° 12'$.
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	14.1	20.7	17.5	16.7	1.4	733.3	731.9	731.5	60	40	44	SW 0	NNE 2	NNE 2	0	0	0	.	⸗ 12–n
2	13.5	20.1	17.0	16.4	0.9	731.9	730.2	729.8	60	32	61	NNE 2	NNE 2	NNE 1	0	0	0	.	⸗
3	13.8	21.0	16.6	16.2	0.6	729.7	727.5	727.9	65	34	35	W 0	NNE 1	NE 1	0	1	0	.	
4	14.3	20.5	15.0	15.9	0.2	727.4	726.4	727.2	66	45	60	S 0	NNE 1	NNE 2	0	0	0	.	⸗ 17–n
5	11.6	15.9	12.4	13.2	−2.6	727.6	727.0	727.2	69	31	47	NNE 2	NNE 2	NNE 3	2	0	0	.	⸗
6	9.6	17.2	14.6	13.2	−2.7	728.1	727.9	728.7	58	40	48	NNE 1	N 1	N 0	0	0	0	.	
7	12.3	19.2	15.6	14.7	−1.4	731.1	731.0	732.0	59	27	58	NNWo	NNE 1	NNE 1	0	0	0	.	
8	13.7	21.4	17.8	16.5	0.3	734.3	733.8	732.1	61	32	50	NE 0	NNE 1	NNE 0	0	0	0	.	
9	14.5	22.4	19.5	18.1	1.8	733.7	730.6	727.9	70	33	50	NNWo	NNE 1	NW 0	0	0	0	.	
10	13.7	12.0	9.2	12.4	−4.0	725.3	725.9	725.6	92	82	92	S 1	SSE 0	NNE 1	10●	9●	10	17.2	K 7. ●
11	9.4	14.7	15.8	12.7	−3.8	723.6	723.8	723.7	86	68	74	NE 0	NNE 2	NE 1	10	9	10	0.3	⸗ II, n ●°
12	17.4	20.4	15.8	16.8	0.2	724.5	726.2	728.6	63	51	78	NE 2	NNE 2	NE 1	3	3	2	0.2	⸗. ●° ⌒ 18½
13	14.6	22.2	17.2	17.5	0.8	730.2	729.9	731.0	80	33	74	NNE 1	NNW 1	NNE 0	0	1	1	.	
14	15.3	22.4	19.8	18.7	1.9	731.0	728.8	726.5	73	40	57	SW 0	NNE 0	SW 0	0	0	0	.	n K ●²
15	19.7	20.2	14.5	16.8	−0.1	723.8	722.2	722.3	66	57	93	SW 0	NW 0	SE 1	9	9	10●	57.4	●°9. K 13. ▲² 14. ●²-22½,
16	10.2	13.0	12.0	12.2	−4.8	721.7	721.2	719.8	94	91	93	N 1	NNE 0	NW 0	10●	10●	10●	16.5	● 7–n
17	12.2	10.3	10.4	11.2	−5.9	716.2	720.7	723.0	87	87	85	NE 1	SSW 1	SSW 0	9	10●	9	19.5	● 8–19
18	10.9	14.4	11.8	12.1	−5.1	726.3	727.1	726.6	84	62	78	S 1	NNE 1	NW 0	9	7	0	.	
19	9.6	17.8	13.0	12.7	−4.6	725.8	725.1	725.3	81	41	87	SSW 0	SW 1	SW 1	4	9	10●	2.7	a △². ● 10½, 16½-n, ⌒ 20
20	12.4	14.0	11.4	12.8	−4.6	726.3	727.7	730.5	87	74	95	N 0	SSW 1	SSW 1	9	9	10●	16.0	● 14–n
21	11.1	14.6	12.3	12.8	−4.7	729.7	730.2	731.2	97	78	96	NNE 0	SSW 1	SE 0	10●	9	10●	15.9	● 7½–12. 17–19. 21–n
22	14.0	19.6	17.0	16.5	−1.1	730.5	730.7	730.7	86	60	61	SSW 1	SSW 1	SW 1	9	3	10	1.8	n (22/23) ●
23	14.4	18.2	11.4	14.7	−2.9	730.5	730.5	732.2	62	41	61	SSW 0	NW 1	NNW 0	8	3	1	.	(|) 12.15½
24	9.8	18.6	15.8	13.9	−3.8	731.5	728.5	727.6	64	25	45	SE 0	S 1	SSW 0	0	3	10	.	
25	14.7	20.4	16.7	17.3	−0.5	727.6	726.7	726.3	74	37	64	SSW 0	SE 1	SW 0	9	2	1	.	
26	15.7	24.4	17.8	18.9	1.0	725.9	725.3	725.0	68	42	67	SW 0	SW 1	SW 1	2	6	8	0.1	
27	14.2	17.8	15.2	15.4	−2.6	724.8	726.8	727.6	86	60	70	NNE 1	NNE 1	NNE 1	9●	2	0	7.3	● 7½–10
28	13.4	18.8	17.0	15.4	−2.6	729.0	728.1	728.4	76	45	70	NW 0	NNE 1	NE 0	0	1	0	.	
29	14.6	20.4	14.9	16.2	−1.9	729.3	728.4	728.6	72	47	83	SSW 0	NNE 1	NE 1	0	9	0	0.1	K ●° 14
30	14.0	19.6	16.4	15.9	−2.3	728.0	725.4	724.9	78	58	56	E 0	NNE 1	NE 1	0	0	0	.	
Mittel	13.3	18.4	15.1	15.1	—	728.0	727.5	727.7	74	50	68				3.7	3.8	3.7	Summe 155.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}, 13^{35} u. 21^{35}.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

Juni 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.5	22.0	14.0	16.2	1.3	726.2	725.4	726.3	78	42	61	NW 1	NE 1	NE 1	0	5	6	.	
2	11.6	20.6	13.8	15.3	0.3	725.3	723.9	722.7	69	38	52	E 1	SE 1	E 1	0	1	1	.	
3	10.6	22.3	14.5	15.8	0.7	721.8	720.4	719.9	79	24	52	N 0	W 1	NE 1	1	2	2	.	
4	11.8	17.0	10.6	13.1	−2.1	719.8	720.5	721.3	73	46	70	N 0	N 2	NE 1	8	8	9	.	⸗, ●° 11½, 14
5	7.8	13.6	8.2	9.9	−5.4	720.6	721.2	721.9	80	40	70	N 1	NE 1	E 1	9	6	3	.	⸗, ●° 13–14
6	8.7	19.8	12.5	13.7	−1.8	721.6	721.0	722.0	75	27	40	NE 1	NE 2	NE 1	0	3	0	.	⸗
7	10.6	22.2	14.0	15.6	0.0	723.5	723.5	724.8	62	**23**	53	E 1	NE 1	N 0	0	1	2	.	
8	11.6	23.0	17.3	17.3	1.6	**726.6**	725.9	726.5	73	25	48	E 0	W 0	N 1	1	7	8	.	
9	14.0	24.6	16.6	18.4	2.6	726.0	723.1	720.2	75	28	55	NE 0	NE 1	NW 0	1	1	2	.	
10	16.5	12.6	9.6	12.9	−3.0	716.2	717.7	718.2	75	100	100	E 0	S 1	NW 0	10●	10●	10●	15.0	● 7–20, ●° 21–22
11	10.5	16.0	14.8	13.8	−2.2	717.0	716.8	717.5	89	76	90	NE 1	NE 1	SW 0	10	10	10	0.1	●° 20, 21, 22
12	14.8	15.8	12.4	14.3	−1.8	717.9	719.2	721.1	79	66	99	N 1	SW 0	NW 1	9	10	10●	5.5	●° 8, 14, ● 15–24
13	12.0	21.9	13.8	15.9	−0.3	722.9	722.9	723.4	78	39	77	NW 1	SW 1	NW 0	1	1	1	0.1	
14	13.4	**25.7**	16.7	18.6	2.3	723.0	720.9	718.8	78	33	74	E 0	W 1	NW 0	0	0	1	.	[● 14–16, ⸗ ● 18–24½
15	17.0	17.8	13.8	16.2	−0.2	716.1	714.7	714.7	74	76	92	SE 0	NW 0	SW 1	4	10	10●	23.5	●° 6–8½, ⸗ ●² ⸗ 12–13,
16	11.4	11.6	10.6	11.2	−5.3	713.2	714.3	713.3	96	80	97	NW 1	E 1	NE 0	10●	10●	9●	12.4	● 2–19, ●° III
17	10.7	12.8	9.8	11.1	−5.5	**709.8**	711.2	714.6	90	80	96	NE 1	W 1	SW 1	10	10	10●	**31.4**	●° 13–14, ●²–n, p ⸗
18	**7.6**	9.7	7.9	8.4	−8.3	718.5	720.1	719.3	94	89	90	S 1	S 1	E 0	10●	10●	0	3.2	● n–12, ●° 13–14
19	**7.6**	19.9	13.8	13.8	−3.0	718.3	717.1	717.7	97	45	76	SW 0	SW 0	NW 1	9	7	10	2.2	≡ n-I, ●° ⸗ 20–22, ●-24½
20	12.6	11.0	12.2	11.9	−5.0	717.9	718.6	720.8	79	87	78	SW 1	NW 1	W 2	9	10	9	11.0	●° 3-5, ● 9–14, 21, ⸗ II, n ⸗
21	10.6	12.4	12.7	11.9	−5.1	719.6	719.1	721.6	91	95	70	SW 1	SW 2	SW 2	10●	10●	9	21.8	●² 3-15, ●° 16, 22, ⸗ II, III-n
22	13.2	16.6	14.1	14.6	−2.5	719.3	719.8	720.3	92	75	77	SW 2	W 2	NW 1	10●	6	10	16.2	●² 0½–12½, ⸗, ● 13–15,
23	11.2	11.5	8.9	10.5	−6.7	721.1	721.3	723.4	59	50	69	SW 1	NW 2	SE 1	9	9●	9	1.4	⸗ ●, △° 15 [21½–1
24	8.8	16.4	12.4	12.5	−4.7	723.2	720.2	719.0	65	34	55	SE 0	W 1	SW 1	1	8	10	2.2	p ⸗
25	11.4	17.2	11.3	13.3	−4.0	720.0	719.9	718.8	75	57	85	W 1	SW 1	SW 0	8	3	2	.	● n–I
26	13.2	17.1	13.6	14.6	−2.8	717.8	718.3	718.5	72	66	95	S 0	W 1	E 1	3	10	10	0.8	●° 11, 13–17½, 22, ⸗ 17
27	10.4	11.6	9.4	10.5	−7.0	716.3	719.6	720.9	75	86	86	N 0	NW 1	E 1	10	10●	0	21.2	⸗ 8, ●–14
28	8.0	19.6	12.4	13.3	−4.3	721.5	720.4	720.7	90	50	81	E 0	NE 1	E 0	1	4	1	2.2	
29	11.6	18.9	14.2	14.9	−2.7	721.4	721.7	721.9	95	52	78	SW 1	SW 1	NE 0	9●	4	8	0.2	⸗ 5½, ●-7, ●°-8, 11-12, 20
30	12.8	21.0	12.8	15.5	−2.2	721.6	719.5	719.0	83	53	65	NE 1	SE 1	NE 1	5	2	1	.	
Mittel	11.5	17.4	12.6	13.8	—	720.1	719.9	720.3	80	56	74				5.6	6.3	5.8	Summe 170.4	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

Juni 1918.
Beobachter: *Fr. Schreiber.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	6.2	8.4	5.8	6.8	1.0	621.0	621.6	620.9	55	84	90	NE 1	NE 1	NE 2	0	3	5	.	
2	2.2	9.0	5.2	5.5	−0.4	620.5	619.3	619.5	86	66	64	NE 2	NE 1	NE 1	0	0	0	.	
3	5.6	8.0	5.0	6.2	0.2	618.0	617.5	616.9	78	76	75	NE 0	NE 0	NW 0	0	0	7	.	
4	4.8	6.6	2.2	4.5	−1.6	615.5	615.8	616.2	94	70	94	NW 0	NW 0	NW 0	10	7	10	.	≡° I
5	−0.6	1.4	−0.6	0.1	−6.2	614.0	615.3	616.0	72	70	64	NE 2	NE 2	NE 2	10	10	0	0.2	✳° 10, 16
6	0.8	2.6	3.4	2.3	−4.1	615.0	615.9	617.4	66	62	58	NE 3	E 1	SE 2	0	0	0	.	⸗ I
7	4.0	7.2	5.6	5.6	−0.9	618.0	619.6	620.6	62	**46**	54	E 0	NE 1	NE 1	0	0	3	.	
8	6.8	9.8	7.8	8.1	1.5	621.9	622.5	**623.4**	**46**	58	62	NE 0	NE 0	SW 1	0	3	5	.	
9	9.6	10.8	9.4	9.9	3.2	622.0	620.8	618.7	55	63	60	NE 0	E 0	SW 0	0	0	5	1.6	n (9/10) ●
10	7.8	3.0	1.8	4.2	−2.7	614.0	613.6	613.0	89	100	100	SW 0	W 1	NE 0	10●	10●	10●≡	27.8	●², ≡ III–n
11	3.0	6.6	6.8	5.5	−1.5	612.4	612.9	614.2	98	94	98	NE 1	E 0	W 2	10	10	10	0.2	≡°
12	5.2	5.2	5.2	5.2	−1.9	614.0	615.4	616.6	94	100	98	NE 2	W 2	W 0	10≡	10●	10	15.6	≡ ●, ≡° III
13	5.4	9.2	7.8	7.5	0.3	618.3	619.6	620.7	83	82	92	NE 0	SW 0	W 0	3	0	0	.	
14	8.8	**13.2**	10.2	10.7	3.4	619.7	619.3	618.3	65	76	62	W 0	SW 0	W 0	0	0	7	.	
15	9.8	8.8	6.4	8.3	0.9	614.5	613.7	612.3	66	78	86	NW 1	W 0	W 1	7	10●≡	10●≡	30.2	p n ●² ≡
16	4.5	5.8	4.6	5.0	−2.6	609.7	610.2	609.3	94	96	98	W 0	W 0	NE 0	10●≡	10●≡	10	10.6	● ≡ n–p, ≡° III
17	5.8	5.8	0.2	3.9	−3.8	**606.3**	608.2	610.5	92	92	96	SE 3	SE 1	W 1	7	10●	10*≡	44.0	⸗ I, p ●, *² ≡ III–n
18	**−0.8**	1.2	2.2	0.9	−6.9	612.6	614.6	614.9	95	95	65	W 1	W 0	W 0	10*≡	10*≡	3	2.6	✳ ≡ n–II
19	4.4	9.2	4.8	6.1	−1.8	613.5	613.8	614.3	52	51	98	W 0	SE 0	W 0	3	5	10	7.8	n (19/20) ●
20	3.0	3.3	2.4	2.9	−5.1	613.4	615.1	615.9	94	100	100	W 1	W 2	W 2	10≡	10●≡	10≡	27.9	≡, p n ●²
21	1.8	3.6	3.2	2.9	−5.2	614.8	615.0	616.8	100	100	100	W 3	W 4	W 2	10●≡	10●	10	67.8	a ⸗, ●² ≡, ⸗ II, ≡° III
22	5.8	6.6	5.8	6.1	−2.1	615.6	616.3	616.3	100	98	90	W 3	W 3	W 3	10●≡	10	10	8.2	a ● ≡, ⸗, ≡° II
23	0.8	3.0	−1.8	0.7	−7.6	615.8	615.3	617.6	90	65	80	W 2	SE 0	SE 0	10	10	10	3.2	✳ 17
24	**−0.8**	5.6	2.8	2.5	−5.9	617.0	616.3	615.1	96	55	92	W 0	W 0	W 1	10	7	10	5.1	≡° I
25	1.8	4.6	5.2	3.9	−4.6	614.8	615.6	615.6	100	85	90	W 0	W 0	SW 0	10●≡	10	3	.	● ≡ n–I, ≡°–II
26	7.9	6.0	6.9	6.9	−1.6	614.6	615.2	615.4	55	100	90	W 0	SW 0	W 0	7	10	7	15.2	≡° II
27	4.1	3.0	2.9	3.3	−5.3	614.0	614.9	614.5	100	100	95	W 2	E 1	W 0	10●≡	10●	7	14.0	●² ≡ n–p, ▲ 14½
28	5.6	9.4	6.8	7.3	−1.4	615.3	616.5	618.0	70	66	81	SW 0	W 0	W 0	0	0	5	11.5	
29	5.2	9.2	5.6	6.7	−2.1	617.5	618.0	618.4	66	66	74	W 0	NE 0	W 0	3	7	10	.	⸗ ● 3
30	5.2	6.5	5.4	5.7	−3.2	617.1	616.1	615.4	92	87	81	W 0	NE 0	NE 0	5	5	1	.	
Mittel	4.5	6.4	4.6	5.2	—	615.7	616.1	616.4	80	79	83				5.8	6.2	6.6	Summe 293.5	Keine Angaben über Schneebedeckung.

Juni 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$,
$H_b = 1712.6^m$, $G = -0.12$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.6	13.2	8.8	8.9	0.8	626.7	625.7	625.8	74	40	55	S 0	W 1	N 2	1	2	8	.	
2	6.0	14.4	4.8	8.4	0.2	624.7	623.8	624.2	74	37	57	E 1	N 2	— 0	1	3	0	.	
3	4.0	14.1	6.7	8.3	0.0	622.9	621.1	621.2	75	35	60	E 0	W 3	W 1	0	4	3	.	⸗ II, ●° 17
4	5.0	12.0	5.4	7.5	−0.9	620.1	619.3	621.2	75	36	57	N 1	SW 3	W 1	4	7	8	.	⸗ 10-p, ●° III
5	4.8	1.0	−0.6	1.7	−6.9	618.6	620.4	621.5	85	91	100	N 1	N 0	N 0	10●	10*	10*	11.1	● ▲ I, ✳ ✳
6	−1.6	8.0	2.7	3.0	−5.7	621.6	621.6	622.9	87	61	59	— 0	NE 2	N 1	2	3	0	.	✳
7	1.2	11.0	5.0	5.7	−3.1	624.0	624.0	625.7	80	39	57	N 0	N 1	— 0	0	3	4	.	
8	3.4	12.6	4.8	6.9	−2.0	627.5	627.3	628.5	80	39	60	E 0	NE 2	— 0	1	6	2	.	
9	4.9	17.2	9.2	10.4	1.4	628.0	625.3	624.1	78	32	80	SW 0	S 1	— 0	0	4	2	.	
10	11.0	9.3	6.8	9.0	−0.1	620.7	619.1	618.2	73	64	76	W 1	SW 3	W 1	10	10	3	0.5	⸗ II, p ●°
11	4.4	13.4	9.6	9.1	−0.2	618.0	617.7	618.8	96	54	74	W 0	NE 3	NW 2	10	10	9	0.2	⸗ II
12	8.0	6.1	7.5	7.2	−2.2	617.9	620.1	620.5	89	91	84	N 1	N 1	N 1	10●	10●	10	15.0	●° I, ● 8½-14, n ⸗
13	9.2	13.8	9.4	10.8	1.3	621.4	623.8	625.6	63	44	54	N 1	SW 3	— 0	9	2	2	.	⌒ 7, ⸗ II
14	7.0	18.1	10.5	11.9	2.3	625.6	623.8	623.2	80	39	85	NW 0	SW 2	W 1	1	1	2	.	
15	12.0	13.2	8.2	11.1	1.4	620.0	618.4	617.7	75	56	91	S 1	SW 3	W 1	6	9	10	3.3	⸗ II, ● III
16	8.9	9.9	7.2	8.7	−1.1	616.0	615.9	615.9	86	83	91	SE 2	S 1	SW 1	10●	10●	10●	6.9	●
17	10.6	11.6	7.8	10.0	0.1	615.5	615.9	616.5	65	71	89	SW 1	W 3	W 1	8	9	10	14.4	⸗ II, ● 11-p
18	7.6	8.5	4.6	6.9	−3.1	617.1	618.5	619.5	70	60	76	W 2	W 3	NE 1	10●	10	10	2.6	a ●, ⸗ II
19	3.6	13.4	6.0	7.7	−2.4	619.3	619.1	619.8	93	45	85	NE 0	NW 2	W 1	8≡	8	10●	3.7	≡ I, ● III
20	5.6	8.5	6.2	6.8	−3.4	618.5	618.8	620.7	89	61	64	E 1	N 1	N 1	10	10	9	0.5	n (19/20) ●°
21	7.0	7.7	4.0	6.2	−4.1	620.5	620.1	622.2	65	76	91	NW 1	SW 2	W 1	10	10●	10●	11.0	● 11-n
22	5.2	13.8	10.4	9.8	−0.5	620.9	620.7	621.2	95	40	51	NE 1	SW 4	W 4	10●	7	10	1.8	● I, n, p ⸗
23	9.0	10.2	0.4	6.5	−3.9	619.8	619.1	622.0	70	36	61	E 2	W 3	N 3	4	4	10	1.0	⸗, ✳ △ 16½-n ✳
24	1.0	10.9	5.3	5.7	−4.8	622.3	621.1	620.1	75	31	64	N 0	S 2	W 1	8	1	10	.	✳
25	7.2	12.0	7.1	8.8	−1.8	619.6	620.2	621.2	69	43	82	W 0	SW 2	W 1	7	3	2	.	
26	10.0	12.2	4.5	8.9	−1.8	621.1	620.5	621.5	68	52	95	S 0	SW 4	NE 1	2	8	1	3.0	⸗ II, ● 16, 19, n
27	4.3	6.8	3.9	5.0	−5.8	619.4	619.8	621.6	95	90	67	S 1	NE 1	— 0	10●≡	10●	3	11.0	≡ I, ● n-II
28	3.4	13.6	5.6	7.5	−3.3	622.4	621.6	623.1	79	36	70	NW 0	W 2	— 0	2	1	6	.	
29	4.6	11.6	6.6	7.6	−3.3	621.9	622.2	623.1	90	52	71	N 3	NW 3	N 1	8	4	10	1.2	⸗ n-II, ● 9-10½, n
30	5.4	13.0	5.2	7.9	−3.1	621.9	620.6	620.0	90	37	65	NW 1	SW 1	W 1	10	3	8	.	
Mittel	5.9	11.4	6.1	7.8	—	621.1	620.9	621.6	79	52	72				6.1	6.1	6.5	Summe 87.2	

Juni 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00$ m/m.

1	14.2	23.5	16.8	18.2	2.0	720.0	717.9	718.8	44	32	53	E 0	S 1-2	SW 0-1	0	0	0	.	
2	14.3	22.6	17.4	18.1	1.8	719.4	715.8	716.8	68	42	45	NE 0	SW 0-1	W 1	0	1	0	.	
3	14.9	23.8	17.4	18.7	2.3	717.2	714.1	714.5	67	36	40	SW 0-1	SW 1-2	SW 1-2	0	3	2	.	
4	14.6	23.8	16.2	18.2	1.7	715.0	713.0	714.2	53	25	44	E 0	SW 2-3	SW 0-1	0	1	0	.	⸗ II
5	11.4	17.2	12.0	13.5	−3.1	714.2	713.7	715.0	82	26	30	SE 0-1	N 0-1	NE 0-1	9	6	0	.	
6	10.6	20.3	14.6	15.2	−1.5	715.7	713.4	715.9	45	30	44	NE 0	SW 1-2	SW 0	0	1	9●	.	●° III
7	12.8	23.0	15.7	17.2	0.4	718.5	717.1	718.3	56	33	37	SE 0	SW 2-3	E 0-1	0	3	0	.	⸗ II, ⸗ 18-19
8	14.3	24.6	17.6	18.8	1.9	722.6	720.4	721.9	49	29	39	NE 0	SW 1-2	N 0-1	0	2	0	.	
9	14.6	25.2	19.7	19.8	2.8	721.3	716.8	715.3	57	36	40	SE 0	SW 2	SW 0	0	1	10	0.3	
10	15.1	12.0	8.5	11.9	−5.2	711.5	712.0	713.4	90	98	94	SE 0	S 0-1	SW 0-1	10●	10●	10●	29.3	●° 4-I, ●²-n
11	14.6	18.9	16.0	16.5	−0.7	711.2	709.0	711.3	62	46	60	E 0-1	SW 1-2	SW 0-1	8	6	8	0.1	
12	12.9	17.2	14.1	14.7	−2.6	710.9	711.6	716.2	86	60	86	NE 0-1	W 1-2	E 0	10●	9	10	0.8	●° I, 20
13	15.8	22.4	17.0	18.4	1.0	716.9	715.7	717.6	75	40	51	S 0-1	SW 1-2	SW 0	4	6	0	.	
14	16.2	24.8	19.4	20.1	2.6	718.4	715.2	713.4	59	41	43	NE 0-1	S 1	SW 0-1	0	2	2	.	
15	16.5	17.6	14.2	16.1	−1.5	711.2	709.3	710.3	62	86	98	NE 0	S 1	— 0	9	10	10●	11.1	●° 12½, 15, 16½, ● 19½-n
16	13.0	14.0	12.6	13.2	−4.5	709.0	709.2	708.5	98	90	98	SW 0-1	SW 0	SW 0	10●	10●	10●	6.5	● 6-15, 19½-n
17	12.4	17.0	10.7	13.4	−4.4	704.0	704.5	709.0	91	63	94	SW 0-1	SW 1-2	SW 0-1	10●	10	10●	8.6	● I, 15½-17½, III-n
18	9.4	14.6	10.7	11.6	−6.3	713.3	714.0	713.6	87	53	67	SW 0-1	SW 1-2	E 0	10●	10	5	0.2	●° n-8, 10
19	11.0	17.9	13.6	14.2	−3.8	713.3	712.2	713.3	66	45	80	NE 0	SW 2	E 0	10	10	10	1.2	● 17½, n
20	12.9	17.1	13.0	14.3	−3.8	713.8	713.5	716.2	78	49	57	SW 0-1	SW 1-2	SW 1	8	7	10●	4.1	● 12, III-n
21	10.4	13.2	11.7	11.8	−6.4	717.8	717.4	717.4	99	86	92	SW 0-1	SW 0	SW 0	10●≡	10●	10●	19.5	≡ I, ●
22	11.8	20.1	16.7	16.2	−2.1	717.5	716.0	717.2	98	53	52	SW 0	SW 1-	SW 1	10●	4	10	0.8	●° n-9. 22½-n
23	14.3	17.8	12.5	14.9	−3.4	715.1	714.6	718.5	60	27	37	NW 2-3	NW 2-3	SW 1	10	6	10	.	●° n-6, 16, ⸗ n-II
24	12.0	19.1	15.2	15.4	−3.0	718.0	714.3	713.7	52	36	38	S 0	SW 1-2	SW 1	0	6	10	.	△ I
25	14.2	21.5	14.0	16.6	−1.9	713.8	713.0	713.1	56	37	60	SW 0-1	SW 2	SW 0-1	9	2	0	.	
26	14.8	23.5	18.0	18.8	0.2	713.8	711.3	712.0	59	39	50	E 0-1	SW 0-1	SW 3-4	0	6	9	3.6	△ I, ⸗ ⸜ III
27	13.2	17.5	13.0	14.6	−4.0	711.7	713.7	714.3	98	61	57	S 0	S 1	SW 0	10●	6	1	6.1	● 0-11½
28	13.9	21.5	15.4	16.9	−1.8	715.7	713.7	715.1	55	40	46	NE 0-1	SW 1-2	SW 1	0	2	3	.	
29	12.1	21.0	13.8	15.6	−3.2	717.7	715.6	717.7	76	35	66	NE 0-1	W 0-1	SW 1	5	6	2	.	●° 16
30	13.2	22.4	16.8	17.5	−1.3	715.4	712.3	711.7	67	37	51	NE 0-1	SW 1-2	SW 1	0	0	1	.	△ I
Mittel	13.4	19.8	14.8	16.0	—	715.1	713.7	714.8	70	47	58				5.1	5.2	5.4	Summe 92.2	

λ = 8° 57′, β = 46° 0′.
H_b = 276.2m, G = 0.03 m/m.

Lugano.

Juni 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	15.4	24.2	16.8	18.8	1.5	743.6	741.5	740.4	52	30	52	N 0	S 0	N 0	0	0	0	.	
2	20.4	24.4	19.6	21.5	4.1	739.9	738.4	737.7	30	30	65	NE 0	S 0	N 0	0	0	0	.	
3	17.0	24.4	18.4	19.9	2.4	738.8	736.2	736.0	70	40	70	N 0	S 0	N 0	0	0	0	.	
4	15.6	21.8	20.0	19.1	1.5	736.9	734.8	735.5	70	40	20	N 0	S 0	N 0	0	0	0	2.5	
5	12.0	9.2	11.2	10.8	−7.0	738.6	739.2	740.1	85	90	70	N 0	N 1	N 0	10	10●	6	3.2	● n–14
6	10.6	19.2	11.8	13.9	−4.0	741.9	740.6	741.3	65	35	60	N 0	S 0	N 0	0	0	0	.	
7	13.6	22.6	14.8	17.0	−1.0	742.7	742.0	743.6	60	30	50	N 0	S 0	N 0	0	0	0	.	
8	14.6	24.0	16.8	18.5	0.4	745.4	744.2	744.7	50	30	50	N 0	S 0	N 0	0	0	0	.	
9	16.4	26.0	17.6	20.0	1.7	744.5	741.8	740.4	60	33	50	N 0	S 0	NW 0	0	0	2	.	
10	16.6	22.2	16.6	18.5	0.1	737.5	735.3	734.8	70	45	80	N 0	SW 0	NW 0	10	10	10	2.4	p ●, n ⌞ ●
11	13.0	18.2	14.8	15.3	−3.2	734.0	733.9	735.2	75	75	90	N 0	S 0	N 0	10	10	10●	8.0	a ●°, p n ●
12	14.6	13.8	13.0	13.8	−4.8	735.8	737.1	736.8	90	85	90	N 0	SW 0	N 0	10●	10●	10	15.0	● n–15½
13	14.4	21.6	17.6	17.9	−0.9	737.9	738.5	740.5	80	50	80	N 0	SE 0	N 0	4	0	0	.	
14	17.4	23.4	19.4	20.1	1.2	742.3	740.8	739.1	70	40	65	N 0	S 0	NW 0	0	0	9	.	
15	18.4	19.0	17.8	18.4	−0.6	736.7	735.3	734.3	90	55	95	NW 0	S 0	NW 0	10	10	10●	62.2	●² 19–n
16	14.8	17.2	17.0	16.3	−2.8	732.7	732.3	731.4	90	65	90	NW 0	NW 0	NW 0	10●	10●	10●	22.0	●² n–I, ● 13–n
17	18.2	19.4	18.4	18.7	−0.5	731.2	730.8	732.7	50	50	70	NE 1	NE 2	NE 2	10	10	10	6.8	⌟ 8½–III, n ●
18	18.0	20.2	13.4	17.2	−2.1	732.7	734.8	734.6	60	40	75	E 1	NE 1	NE 1	10	8	10	2.5	● 16–16½
19	11.4	22.0	16.0	16.5	−2.9	735.9	736.0	736.2	70	35	45	N 0	S 0	NE 0	0	0	10	.	
20	15.8	22.6	16.4	18.3	−1.3	735.0	734.0	735.7	60	40	65	N 0	S 0	N 0	2	0	2	.	
21	14.6	22.2	18.0	18.3	−1.4	737.3	736.3	737.3	60	30	28	N 0	S 0	NW 0	10	10	0	.	
22	15.8	25.4	22.2	21.1	1.3	736.5	735.4	734.8	50	35	40	N 0	S 0	N 0	0	0	0	.	
23	20.2	26.0	18.2	21.5	1.6	734.1	733.1	735.8	45	18	25	N 0	NE 2	NE 2	0	0	0	.	⌟ 10½–22½
24	14.6	22.2	15.2	17.3	−2.7	740.4	739.0	738.2	40	25	50	NE 0	S 0	NW 0	0	0	10	.	
25	14.6	23.0	16.0	17.9	−2.2	737.3	736.1	738.1	60	35	65	N 0	S 0	N 0	0	0	0	.	
26	17.0	23.6	16.2	18.9	−1.3	739.1	737.7	737.0	70	42	75	NW 0	S 0	NW 0	10	0	0	45.0	n (26/27) ⌞ ●²
27	13.8	20.2	17.6	17.2	−3.1	735.8	734.8	736.0	92	50	28	NW 0	S 0	N 0	10●	2	0	5.4	● n–9½
28	14.2	22.8	17.0	18.0	−2.4	738.1	737.8	738.9	45	35	60	N 0	S 0	N 0	0	0	0	3.5	n (28/29) ●
29	17.0	22.2	16.4	18.5	−1.9	740.0	738.3	738.2	65	40	65	N 0	S 0	N 0	6	8	0	.	
30	17.0	25.8	17.6	20.1	−0.4	737.3	735.1	734.7	62	18	70	N 0	NE 1	N 0	0	0	8	.	⌟ 8½–II
Mittel	15.6	21.6	16.7	18.0	—	738.0	737.0	737.3	65	42	61				4.1	3.3	3.9	Summe 178.1	

λ = 7° 35′, β = 47° 33′,
H_b = 277.2m, G = 0.13 m/m.

Basel.

Juni 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.2	20.6	15.2	16.0	0.6	745.5	744.5	744.8	79	51	61	SW 1	NW 1	NW 2	1	4	8	.	
2	12.4	19.4	14.6	15.5	0.0	744.3	742.7	741.7	72	50	60	E 1	NW 1	NW 1	2	2	5	.	
3	11.8	20.0	15.8	15.9	0.3	740.7	739.2	738.7	72	45	69	E 1	NW 1	W 1	2	4	3	.	
4	12.0	18.0	13.0	14.3	−1.4	739.1	739.3	740.3	76	45	64	NW 1	NW 1	E 0	7	5	8	.	
5	9.0	14.4	12.0	11.8	−4.1	740.2	739.9	740.5	73	39	55	W 0	E 2	E 1	0	8	1	.	
6	9.0	19.2	15.5	14.6	−1.4	740.7	739.6	740.7	69	27	42	NE 1	NE 2	NE 1	1	6	0	.	
7	11.2	20.4	14.8	15.5	−0.6	742.7	742.3	743.3	62	39	73	SW 1	W 1	E 1	1	5	2	0.5	●° 18
8	13.4	22.6	17.8	17.9	1.7	745.2	744.5	745.2	67	35	62	SE 1	N 1	W 0	0	7	4	.	
9	14.1	23.2	19.0	18.8	2.5	744.7	741.5	738.1	72	41	53	SE 1	W 1	E 0	4	2	0	0.7	
10	14.4	11.2	9.6	11.7	−4.7	734.9	737.1	737.3	89	90	95	W 1	W 1	SW 1	10●	10●	10●	20.5	●² 7–22
11	10.2	16.5	16.2	14.3	−2.2	736.0	735.5	736.1	84	79	93	W 1	NW 1	S 0	10	9	10●	2.0	⌞ ● 20½–22
12	12.4	21.0	16.4	16.6	−0.1	737.5	737.2	739.4	88	60	83	SW 1	NW 1	E 1	9	5	7	.	● 5–6
13	12.8	20.2	17.0	16.7	−0.1	741.8	741.9	741.8	81	54	81	SW 1	NW 1	S 0	7	5	1	.	
14	14.8	24.4	19.6	19.6	2.7	741.5	739.1	736.8	75	43	74	SE 1	W 1	S 1	2	1	1	0.1	
15	15.8	20.2	15.6	17.2	0.2	734.1	732.4	733.1	85	66	75	E 1	W 1	W 1	7	7	10	4.5	●° 6–6½, 9–10, ● 15½–16
16	11.6	14.0	12.2	12.6	−4.1	732.9	732.0	731.4	97	78	95	NW 1	NE 1	NE 1	10●	10	10●	10.0	● 5½–11, 14½–n
17	11.2	11.2	10.4	10.9	−6.3	727.9	730.2	733.4	100	95	95	NW 1	NW 1	W 1	10	10●	10	6.0	● n–2, 6–6½, 8½, 13½–21
18	10.0	12.8	12.5	11.8	−5.5	737.3	738.2	737.4	89	75	73	SW 1	SE 1	E 1	10	8	0	.	● 3–6½
19	11.2	18.6	14.9	14.9	−2.5	735.8	735.0	735.5	78	53	84	SE 1	W 1	S 1	4	5	10	0.9	●° 15, 17, 22
20	13.2	14.8	13.6	13.9	−3.6	736.2	736.9	739.3	88	70	80	W 1	W 1	SW 1	10	8	7	9.2	● 1–4, 7–13, 17½
21	12.0	13.8	13.8	13.2	−4.3	737.7	738.2	739.8	100	89	78	S 1	SW 1	SW 2	10●	10	8	2.0	● 2–13, 16–18½
22	15.4	18.0	15.6	16.3	−1.3	737.8	738.7	739.4	87	66	73	SW 2	W 3	SW 2	10	7	10	0.6	●° 1, 9–10, 22–24½, ⌟ II
23	12.0	15.0	9.6	12.2	−5.5	740.0	740.0	742.0	74	42	86	SW 2	NW 3	E 1	6	8	4	1.6	● 10–11, 16–19, ⌟ II
24	8.4	17.4	14.6	13.5	−4.3	742.0	738.5	737.3	89	42	56	E 1	W 2	SW 0	4	8	10	0.1	
25	13.4	16.6	14.2	14.7	−3.2	738.8	738.1	737.0	65	59	80	SW 1	W 1	SE 0	4	5	5	.	
26	13.2	18.0	14.4	15.2	−2.8	735.7	737.0	736.7	75	54	63	E 1	W 2	W 1	5	7	9	1.6	
27	8.8	12.9	13.2	11.6	−6.5	736.6	738.6	739.1	94	75	80	SW 1	E 1	E 1	10●	8	2	4.5	● 7–10
28	11.4	20.0	16.2	15.6	−2.2	739.8	738.9	739.3	71	42	75	E 1	NE 1	W 1	3	5	4	.	
29	14.0	20.0	14.9	16.3	−1.9	740.0	739.6	740.5	78	53	86	E 1	E 1	E 1	7	5	5	1.4	● 9–9½, 16–18
30	11.6	19.0	16.2	15.6	−2.7	740.7	738.0	737.4	95	58	67	W 0	N 1	N 1	10	6	5	.	
Mittel	12.1	17.8	14.6	14.8	—	738.9	738.5	738.8	81	57	74				5.9	6.3	5.6	Summe 66.2	

Juni 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	1.4	2.4	−0.1	1.2	0.2	569.0	569.8	569.2	88	88	93	NE 1	NNE 0	WNW 0	1	8	6	.	≡ 12–20
2	2.2	3.4	0.4	2.0	0.9	567.4	567.7	566.8	55	80	62	WNW 1	SW 0	WNW 3	1	9	1	.	
3	1.3	2.7	−0.2	1.3	0.0	565.3	565.2	564.4	75	81	100	WSW 1	WSW 2	WSW 2	1	9	10≡	3.2	△ 18-21, ≡ 19-n, ⊲² 21
4	−1.4	−2.3	−2.9	−2.2	−3.6	562.8	563.4	563.7	100	100	91	WSW 2	WSW 2	SW 1	10≡	10≡	10≡	9.0	△ 10–12, ≡, n ✳
5	−5.7	−5.4	−6.7	−5.9	−7.4	561.2	562.2	563.2	92	100	98	NNE 1	NE 2	ENE 2	10≡✳	10≡△	10≡	1.1	a ✳, ≡, △° 10½–16
6	−5.5	−2.6	−2.8	−3.6	−5.2	562.9	564.5	565.4	97	95	86	ENE 2	NW 0	NE 1	1	9	3	.	≡ 10½–13
7	−1.0	1.0	−0.8	−0.3	−2.0	565.9	567.5	568.9	67	75	75	NE 2	NW 0	N 0	1	9	3	.	
8	0.5	3.5	1.6	1.9	0.1	569.8	570.7	571.4	85	78	80	NNW 1	WSW 0	WNW 1	3	6	7	.	
9	3.5	6.6	4.3	4.8	2.9	570.0	569.2	567.4	88	80	88	SW 1	SW 1	SW 1	5	7	9	4.8	n (9/10) ● △ [≡ 10-n
10	3.8	1.2	−0.5	1.5	−0.5	563.1	562.0	561.8	91	100	100	SSW 1	SW 1	NE 2	10	10≡	10≡	14.0	● 10, △–13, ✳ 14–16,
11	0.9	3.8	2.2	2.3	0.2	561.1	562.3	563.3	92	85	100	NE 1	NE 2	NE 3	5	9	10≡	1.8	≡ 14½–n
12	1.4	0.9	1.4	1.2	−1.0	562.8	563.8	565.0	100	100	100	NE 3	NE 2	NNE 3	10≡●	10≡△✳	10≡●	10.3	● n–10, 21–n, ≡², *)
13	−0.3	2.3	2.3	1.4	−0.9	566.1	567.8	568.9	100	100	56	NW 1	WSW 1	WSW 2	10≡	10≡	3	.	≡ n–9, 13–15
14	4.3	8.1	5.2	5.9	3.5	568.3	568.3	566.7	69	82	90	WSW 3	SW 1	WSW 2	1	3	8	.	
15	5.7	7.6	2.0	5.1	2.6	563.4	562.3	560.8	94	83	100	SW 4	WSW 3	WSW 3	6	9	10≡●	26.2	⸙ I, 16½, ≡ 10-10½, *)
16	3.4	0.8	1.1	1.8	−0.7	558.4	559.1	558.8	100	97	98	SW 1	E 0	SW 3	8	10≡✳	8	12.5	≡ n–20, ✳ 9½–19
17	3.7	6.5	−1.4	2.9	0.3	557.0	557.8	558.9	88	80	98	SSW 3	SSW 4	WSW 2	7	9●	10≡✳	51.4	⸙ 10½–II, ● 13–14, *)
18	−3.2	−2.8	−3.2	−3.1	−5.8	560.4	562.1	562.6	98	98	91	WSW 1	WSW 1	WSW 0	10≡✳	10≡	9	6.5	a ⋁, ✳ ≡ n–20½
19	0.1	3.3	0.3	1.2	−1.6	561.5	562.5	562.5	86	88	98	SW 0	SSE 0	ENE 0	6	7	10≡	11.7	⊕ II, ≡ 16½–n, ✳ 20-n
20	−1.1	−1.0	−1.4	−1.2	−4.1	561.3	561.9	563.6	100	100	100	W 1	WSW 2	WSW 1	10≡✳	10≡	10≡	32.2	✳ n-13, ✳ △ 15-16, ≡ ⋁
21	−1.9	−0.5	−1.2	−1.2	−4.2	561.8	562.3	564.5	100	100	100	WSW 3	WSW 2	W 1	10≡✳	10≡✳	10≡✳△	117.7	✳² ⸸² n–16, ⸙ 10½, *)
22	0.7	1.8	0.4	1.0	−2.1	563.0	563.7	563.3	100	98	100	WSW 4	WSW 5	W 5	10≡●	10≡●	10≡	54.4	●² n-17, ✳ 9½-11, ⸙ ≡
23	−3.5	−3.6	−6.3	−4.5	−7.7	562.2	562.0	563.7	98	98	100	WSW 4	WSW 2	W 2	10≡	10≡✳	10≡	14.0	⸙ n–I, ≡ ⋁², *)
24	−6.0	−2.3	−2.1	−3.5	−6.8	563.3	563.5	562.2	100	96	96	SW 1	WSW 1	WSW 4	10≡	9	10≡	25.1	a ≡ ⋁, ≡ 19–n, *)
25	−2.8	−1.7	0.0	−1.5	−4.9	562.2	563.4	563.7	100	100	98	WSW 1	SW 1	WSW 3	10≡✳	10≡	10≡	1.2	⸸ n–9, ✳ n–11½, ≡
26	−0.1	1.8	1.5	1.1	−2.4	563.0	563.5	563.9	95	95	100	WSW 5	WSW 4	WSW 3	3	10≡	10≡●	13.4	⸙ I, ⸙-p, ≡ 11–n, *)
27	1.6	−1.2	−3.6	−1.1	−4.7	561.8	562.1	564.2	100	100	98	WSW 1	WSW 3	W 1	10≡	10≡✳	3	18.2	⊲ 5, ≡ n–19, ✳ 9–18
28	−2.9	1.8	0.2	−0.3	−4.0	564.3	565.4	566.0	90	90	95	WSW 1	SW 1	WSW 2	3	9	4	.	≡ 17–19
29	0.7	2.8	−0.2	1.1	−2.6	565.6	565.9	566.1	100	96	100	WSW 0	WSW 1	W 1	10≡	7	10≡	17.3	≡, △ 7–8, 11½–12, *)
30	−1.0	1.7	−0.7	0.0	−3.8	564.9	564.3	563.4	100	97	100	W 0	E 0	SW 0	10≡	10≡	10≡	.	⋁ I, ≡
Mittel	0.0	1.3	−0.4	0.3	—	563.7	564.2	564.5	92	92	93				6.7	9.0	8.1	Summe 446.0	

*) 12. ✳ △ 13–20 *) 15. 15–n, ⊲ △ 15, ●² 15–18, 21½–n *) 17. 16½–19, ≡ 15–n, ✳² 19–n *) 21. ≡ ⋁, ✳² △² ⸸ 21–n
*) 23. ✳ △ ⸸ 12–19½, ⊲ 16–17 *) 24. ⸙ III, n ✳² *) 26. ⊲ ● 15–16, △ ● 19½–20, ●–n *) 29. 16–17, ✳ 12–18, ⊲ 17

Juni 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	2.8	6.8	2.9	4.2	1.0	597.4	597.8	597.3	56	45	93	N 1	N 3–4	N 3–4	0	1	5	.	p ⸙
2	2.2	6.5	2.4	3.7	0.4	595.6	595.9	595.6	54	37	92	N 1	N 2	N 2	0	0	1	.	
3	3.2	6.7	2.4	4.1	0.7	593.5	593.3	592.8	70	61	92	N 1–2	N 1	N 2–3	0	0	0	1.2	⸙ III, n ●
4	2.2	4.1	0.2	2.2	−1.3	591.5	591.7	592.2	58	56	97	NW 2	N 3	N 3–4	1	5	10≡	.	p ⸙, ≡ 19–n
5	1.3	−2.4	−3.8	−1.6	−5.3	589.9	590.7	592.0	71	84	90	N 1	N 2–3	N 2	10≡	10	4	3.2	≡ n–11, ✳ ⸙–17, ⸸ III
6	2.1	7.2	1.1	3.5	−0.3	591.8	592.6	593.9	39	34	63	N 0	S 0	S 0	0	2	0	.	
7	0.6	5.6	2.7	3.0	−0.9	594.4	595.7	597.2	53	36	48	N 1	N 1	N 0–1	0	1	0	.	
8	4.6	10.1	4.4	6.4	2.4	598.5	599.0	599.8	50	28	50	N 0	N 0	N 0	0	4	1	.	
9	5.6	10.2	6.7	7.5	3.4	598.6	597.4	595.8	50	30	70	N 0	N 0	S 0	0	0	5	12.5	n (9/10) ●
10	5.4	4.2	2.1	3.9	−0.3	591.7	590.2	589.8	68	85	80	SE 2	S 1	SE 1	10	10●	10	27.2	●
11	4.1	7.9	4.1	5.4	1.0	588.8	589.6	590.5	65	43	95	E 1	N 1	N 3	10	5	10	7.9	●² 5, ≡, ⸙ III–n
12	3.7	3.1	2.7	3.2	−1.3	590.1	591.3	592.3	94	95	95	N 2–3	N 2	N 3	10●	10●	10≡	25.6	●² n–18, ≡–n, ⸙ I, III–n
13	2.4	7.1	4.6	4.7	0.1	594.0	596.0	597.2	95	45	90	N 3	N 1–2	N 1	10≡	2	10	.	≡ ⸙ n–9
14	6.2	13.7	8.0	9.3	4.6	596.7	596.2	594.9	45	42	73	N 1	S 1	S 0–1	0	0	10	.	
15	9.5	8.0	5.2	7.6	2.8	591.6	590.3	589.1	67	79	80	S 0	S 1	S 0	10≡	10≡	10	23.8	≡ n–p, ●² 14–17
16	5.6	4.9	4.0	4.8	−0.1	586.9	587.4	587.1	81	79	92	S 0	S 0	S 3	10●	10●	10	91.2	●² n–18, 22–n, ⸙ III–n
17	2.9	4.1	−0.5	2.2	−2.8	585.7	585.9	586.9	80	87	94	S 3	S 1	N 3	10●	10●	10✳	165.8	⊲ ⸙ I, ●² ✳²
18	−2.1	1.6	−1.3	−0.6	−5.7	588.3	590.6	591.0	95	97	97	N 2	N 2–3	N 2	10✳	10✳	10≡	12.7	✳ n–15, ≡–n, ⸙ II
19	−0.4	6.0	2.8	2.8	−2.4	589.8	590.4	590.9	60	45	64	N 1–2	S 1	S 0–1	1	8	10	.	
20	0.5	1.8	0.2	0.8	−4.5	589.9	590.5	592.2	97	94	97	N 1–2	N 1–2	N 3	10≡	10≡	10≡	15.2	≡, ⸙ III, n ✳
21	0.1	3.1	−0.8	0.8	−4.6	591.9	592.0	593.3	89	73	97	N 0	N 0	N 2	10✳	10✳	10✳	52.3	✳² ●²
22	2.8	5.3	5.4	4.5	−1.0	592.5	592.9	592.8	78	74	59	N 2	N 1	N 2	10●	5	10	5.3	● 7½–10
23	0.7	4.9	−3.7	0.3	−5.4	591.7	591.0	592.2	93	33	92	N 2	N 2	N 3	10	6	10✳	9.6	≡ n–9½, ✳ ⸸, ⸙ 16–n
24	−3.5	4.8	2.4	1.2	−4.6	592.6	592.5	591.6	86	38	70	N 2	N 0	S 0	10	1	9	1.7	≡ n–11, n ●°
25	1.7	3.8	5.0	3.5	−2.5	591.0	592.0	592.6	87	65	79	N 0	N 1	N 0	5	5	8	.	
26	4.9	8.2	5.3	6.1	0.0	592.4	592.5	592.4	79	70	98	S 0–1	S 0	S 0	9	10≡	10≡	1.9	≡
27	5.1	3.7	1.0	3.3	−2.9	589.9	590.7	592.5	82	59	98	S 0	N 4	N 3	10●	5	10	3.7	● n–10½, p ⸙, ≡ III
28	0.4	6.8	3.4	3.5	−2.8	593.0	593.5	594.4	85	37	95	N 0–1	N 0–1	N 1	1	1	10≡	2.6	≡ 18–n, n ●
29	2.0	6.2	2.6	3.6	−2.8	594.2	594.2	594.6	78	50	83	N 0	N 2	N 2	1	5	10	.	
30	2.5	6.8	3.5	4.3	−2.2	593.0	592.7	591.6	81	38	79	N 2	N 1	N 2	1	3	10	.	
Mittel	2.6	5.7	2.5	3.6	—	592.2	592.6	592.9	73	58	83				5.6	5.3	7.8	Summe 463.4	Seit 15. Juni keine Angaben über Schneebedeckung.

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$.
$H_b = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

Juli 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.2	19.3	15.3	15.3	−1.9	710.1	709.3	710.8	82	47	52	NE 1	NE 2	E 1	1	1	1	.	⸗ II
2	12.5	20.2	15.6	16.1	−1.2	712.8	713.3	714.9	80	44	81	E 0	E 1	E 0	1	2	6	.	△ I
3	13.6	18.0	13.1	14.9	−2.4	715.5	714.9	716.6	82	64	93	S 0	S 0	NE 0	8	10	10●	1.6	● 11½–13, III–n
4	13.0	15.0	12.4	13.5	−3.9	716.7	716.6	717.2	94	74	100	NE 0	NE 1	E 0	9	9	10●	0.3	●⸗ III–n
5	12.4	17.5	13.3	14.4	−3.1	715.8	715.3	715.5	94	63	78	NE 0	E 1	NE 0	10	7	2	.	
6	11.9	16.8	14.5	14.4	−3.1	715.5	715.5	715.4	91	85	86	S 0	NE 0	SE 0	8	10●	6	0.1	△ I, ●° 13–13½
7	15.9	22.2	17.7	18.6	1.0	715.8	715.1	714.6	86	**31**	75	S 0	N 1	NE 0	1	1	1	.	△ I
8	15.7	24.7	19.2	19.9	2.2	713.4	711.6	710.0	82	44	63	SE 0	NW 1	N 0	1	1	1	.	△ I
9	17.6	23.4	15.1	18.7	1.0	709.8	**708.9**	709.8	80	56	99	W 0	W 1	S 0	9	7	10●	**16.1**	● 9½–10, 18–n
10	14.2	19.5	15.6	16.4	−1.4	710.6	711.0	712.0	97	62	97	SW 0	SW 1	W 1	10●	9	10	4.8	● n–10½
11	13.7	20.1	15.6	16.5	−1.3	713.5	712.9	712.9	97	58	85	S 0	SW 0	N 0	9	8	5	.	
12	15.8	22.2	16.9	18.3	0.4	712.3	711.2	712.1	88	44	70	SE 0	NW 1	W 0	1	3	1	.	△ I
13	16.8	20.3	16.1	17.7	−0.2	712.9	713.6	713.4	80	60	93	SW 0	N 0	NE 0	4	6	1	.	△ I
14	15.0	18.4	16.7	16.7	−1.2	713.2	714.0	714.7	90	86	91	SE 0	W 0	SW 0	9	10●	9	0.7	△ I, ●° 12½–14½
15	18.7	25.9	19.7	21.4	3.5	715.4	714.4	714.1	74	45	93	S 0	W 0	E 0	5	3	3	.	
16	20.0	27.9	21.2	23.0	5.0	713.7	712.8	712.9	77	45	74	S 0	NW 0	SW 0	2	2	1	.	△ I
17	19.7	**28.9**	23.3	24.0	6.0	713.3	711.6	710.3	77	50	89	S 0	E 0	W 0	1	2	3	.	△ I
18	22.6	26.5	19.6	22.9	4.9	712.9	713.8	716.9	78	45	97	SW 0	W 0	W 0	7	6	10	.	●° 9–10, 18½–19
19	18.8	24.9	18.9	20.9	2.9	**718.3**	717.0	716.2	68	42	83	SW 0	W 1	W 0	3	2	1	.	
20	17.6	27.6	20.7	22.0	4.0	714.1	710.9	710.8	82	49	71	S 0	SW 0	W 1	4	2	8	0.6	⸗ ●° 21
21	17.1	22.4	16.6	18.7	0.7	715.2	713.9	715.1	63	44	59	SW 2	NW 2	W 0	2	1	6	.	⸗ n–p
22	15.9	22.1	17.1	18.4	0.4	713.7	711.4	710.8	79	46	76	SE 0	E 0	W 0	1	7	1	0.1	
23	14.4	17.8	19.4	17.2	−0.8	710.0	709.6	709.7	95	95	75	SW 0	SW 0	WSW 1	10	10	9	1.6	a ●°, ● 12, 14½–18, 23–n
24	18.5	22.6	17.9	19.7	1.7	711.7	712.1	713.6	73	48	68	NW 1	W 1	NW 0	2	6	4	.	
25	15.4	21.4	17.1	18.0	0.0	714.6	714.1	714.5	89	42	65	W 0	W 1	NE 0	8	5	9	.	
26	16.1	21.0	16.2	17.8	−0.2	713.4	711.7	711.1	70	38	74	W 0	W 1	W 0	8	6	6	1.0	n (26/27) ●
27	13.0	14.0	11.8	12.9	−5.1	710.5	710.1	711.5	78	77	81	W 1	W 2	SW 0	7	8	10	1.9	●, ⸗ II
28	**10.4**	13.4	11.4	11.7	−6.2	713.5	715.8	717.1	91	70	98	W 0	NW 2	S 0	10	9	8	0.2	●° 9½–10½, 15½–16½,
29	11.6	19.0	14.0	14.9	−3.0	716.6	715.3	715.1	89	42	67	S 0	NE 1	E 1	1	2	2	.	△ I [⸗ II
30	12.5	22.0	15.4	16.6	−1.3	714.4	713.3	713.1	84	40	70	SE 0	NE 1	E 0	0	1	1	.	△ I
31	12.6	22.9	16.5	17.3	−0.5	713.0	712.5	712.1	83	34	79	S 0	N 0	NE 0	0	2	1	.	△ I
																		Summe	
Mittel	15.3	21.2	16.6	17.7	—	713.6	713.0	713.4	83	54	80				4.9	5.1	5.0	29.0	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$H_b = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

Juli 1918.
Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.8	20.5	16.2	16.5	−2.5	717.4	716.7	718.1	65	43	46	E 3	E 2	NE 2	0	0	0	.	⸗ I
2	13.1	22.3	16.6	17.3	−1.8	719.3	720.6	722.2	75	48	56	E 1	E 2	NE 1	0	3	4	.	
3	15.2	18.2	14.5	16.0	−3.2	722.7	722.5	724.1	77	45	59	NE 1	N 2	N 2	7	9	10	.	●° II, ⸗ 13–n
4	13.5	15.5	14.0	14.3	−4.9	724.1	724.4	724.7	83	66	79	NE 1	NE 2	E 1	10	9	10	.	
5	13.6	21.0	16.6	17.1	−2.2	723.4	722.9	722.9	82	55	60	NE 1	E 2	NE 1	10	5	4	.	
6	12.7	17.3	16.4	15.5	−3.9	723.2	722.9	722.9	86	72	59	NE 1	E 1	NE 1	7	9	5	.	●° 12–13, ≡° III
7	14.4	24.2	17.6	18.7	−0.7	723.6	722.7	722.0	78	43	69	E 1	SW 1	N 1	0	2	0	.	
8	15.3	23.6	19.7	19.5	0.0	721.0	719.1	717.1	85	52	65	NE 1	S 1	N 1	0	2	2	0.3	
9	16.8	22.9	15.4	18.4	−1.1	717.5	**716.3**	718.0	90	60	93	SW 2	S 1	W 1	9	9	10	**10.8**	● 7–9, 20–n, p ●°
10	14.3	20.5	14.2	16.3	−3.3	717.7	718.2	719.4	96	72	93	NW 1	SW 1	SW 1	10	6	10	0.3	a ●°, ● 21–n
11	13.4	19.8	16.6	16.6	−3.0	720.9	720.5	720.1	82	58	62	NE 1	SE 1	SW 1	9	5	2	.	
12	15.5	23.0	18.4	19.0	−0.6	719.8	718.5	719.4	92	57	57	NE 1	SW 1	W 1	4	5	6	.	
13	16.8	23.2	18.1	19.4	−0.3	721.0	721.0	720.8	64	54	81	NW 2	S 1	NE 1	7	1	9	.	
14	15.4	18.4	16.7	16.8	−2.9	720.7	721.0	722.0	96	75	93	NE 1	SW 1	SW 1	7	10	10	1.0	● 9–17
15	17.7	26.5	22.4	22.2	2.4	722.9	721.7	721.2	87	54	65	NW 1	SW 1	N 1	8	3	3	0.8	
16	18.3	28.6	21.3	22.7	2.9	721.2	719.9	720.1	87	46	60	NE 1	SW 1	NW 1	5	2	0	.	●° 1, ≡° I
17	19.6	**30.4**	22.8	24.3	4.5	720.8	718.9	717.4	78	47	68	NE 1	SW 1	NW 0	6	2	7	0.2	
18	21.0	27.0	20.6	22.9	3.1	720.2	721.3	724.1	72	53	55	NE 1	SE 1	NW 2	8	8	8	0.3	⸗ ●° ⸗ 2, a ●°,
19	18.2	26.0	20.1	21.4	1.6	**726.2**	724.5	723.4	78	44	59	NE 1	SW 1	N 1	0	1	0	.	[⸗ 16½–20½
20	17.6	28.2	25.0	23.6	3.8	721.7	718.6	718.0	82	43	40	NE 1	SW 1	NW 2	6	3	8	.	≡° I, ⸗ 21–n, n ⸗
21	17.9	23.4	17.9	19.7	−0.2	722.5	721.6	722.3	50	**37**	46	NW 2	NW 2	N 2	7	1	8	.	⸗
22	15.2	24.3	16.8	18.8	−1.1	721.3	719.2	718.2	75	45	67	NE 1	SW 1	N 1	3	7	0	0.2	
23	15.4	17.5	19.1	17.3	−2.6	717.4	717.0	717.3	89	90	82	NW 1	NW 1	W 2	9	10●	9●	3.4	●° 5–7, ● 10–16½, 21½–n
24	18.4	24.2	18.6	20.4	0.6	718.8	719.4	720.8	61	39	51	W 2	W 2	NW 2	2	2	3	.	
25	16.3	23.9	18.2	19.5	−0.3	722.0	721.5	721.4	69	43	43	W 1	SW 1	N 3	8	4	6	.	⸗ III
26	16.4	22.9	17.3	18.9	−0.9	720.8	719.2	718.1	68	**37**	49	NE 0	S 1	NW 2	9	7	5	0.2	⸗ 17–n, ≡° III, n ●°
27	13.6	17.5	11.5	14.2	−5.6	717.7	717.0	718.9	65	59	85	W 2	SW 3	W 2	10●	7	10	6.4	● 1–12, 18–n, ⸗ II
28	11.0	14.5	11.8	12.4	−7.4	721.1	723.4	724.6	95	63	79	W 1	W 2	N 1	9	9	9	0.6	●° n–10
29	**10.1**	23.3	15.1	16.2	−3.6	724.0	722.6	722.5	89	45	55	NE 1	E 1	NE 1	2	4	0	.	
30	12.7	25.4	18.0	18.7	−1.0	721.9	720.7	720.5	83	41	56	E 1	SE 1	NE 1	0	3	0	.	
31	13.3	24.0	18.9	18.7	−1.0	720.5	720.0	719.9	84	43	39	NE 1	S 1	N 1	0	2	0	.	
																		Summe	
Mittel	15.3	22.5	17.6	18.5	—	721.1	720.4	720.7	79	52	64				5.5	4.8	5.1	34.5	

Juli 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^{\circ}\,39'$, $\beta = 46^{\circ}\,53'$.
$H_b = 456.3^{m}$, $G = 0.05\,^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.1	19.2	14.3	15.2	−2.2	720.6	720.0	720.5	75	50	70	NE 0	N 1	NW 0	0	3	0	.	
2	11.0	19.2	13.1	14.4	−3.0	722.7	722.8	725.5	95	44	98	N 0	NW 1-2	E 0	1	5	10	1.2	● 20–20½
3	13.4	18.4	12.4	14.7	−2.8	724.9	724.8	727.1	94	52	100	NE 0	E 1	N 0	9	9	10●	11.6	p ●
4	12.8	15.4	12.9	13.7	−3.8	726.8	726.5	727.3	94	67	98	N 0	NW 0	NW 0	10	10●	10●	3.4	p ●
5	13.8	17.4	14.4	15.2	−2.4	725.9	725.9	725.8	89	60	97	N 0	N 1	NW 0	10	6	10	0.3	p ●°
6	13.4	17.0	13.5	14.6	−3.1	725.4	726.4	725.6	84	70	96	NW 0	N 0	N 0	7	10	10	.	≡°]
7	12.4	21.4	16.4	16.7	−1.0	725.7	724.2	724.8	94	43	80	N 0	NW 0-1	E 0	2	1	0	.	
8	14.6	23.2	18.8	18.9	1.1	723.0	721.8	720.2	76	45	95	N 0	N 0	N 0	0	1	6	.	
9	18.9	23.2	17.0	19.7	1.9	719.1	719.0	720.3	76	55	93	NE 0-1	N 0	N 0	7	7	10	.	
10	17.2	18.4	16.4	17.3	−0.6	719.7	722.0	720.6	83	62	93	SE 0	NW 1	N 0	9	10	10●	4.5	p n ●
11	15.7	18.2	16.2	16.7	−1.2	723.2	724.1	722.7	85	62	93	SE 0	N 1	NW 0	9	7	10	.	
12	16.6	21.3	17.5	18.5	0.6	722.1	721.4	722.0	80	50	88	NW 0	N 2	NW 0	2	6	9	.	
13	17.5	21.2	17.1	18.6	0.6	722.2	723.0	723.6	79	52	98	N 0	NW 2	NE 0	7	3	10	0.7	●° 19–19½
14	16.2	21.1	17.2	18.2	0.2	722.8	723.4	724.8	81	58	98	S 0	NW 0	SE 0-1	6	10	10	4.5	● 18½
15	17.3	24.3	19.8	20.5	2.5	724.9	724.3	724.2	91	50	78	NW 0	NW 2	E 0	6	5	3	.	
16	18.1	**28.7**	22.4	23.1	5.0	723.3	721.9	722.9	72	42	70	NE 0	NW 0-1	SE 0	0	2	0	.	
17	19.8	26.9	28.4	25.0	6.8	723.0	720.9	720.7	70	50	**38**	N 0	N 0	SE 3	0	0	2	.	⸗ 17–n
18	22.8	25.4	19.8	22.7	4.6	722.2	722.8	726.2	73	53	92	NE 0	NW 1-2	N 0-1	1	4	10●	4.5	●° 16, ● 21–n
19	17.4	24.3	19.1	20.3	2.2	**728.4**	726.3	726.2	88	47	71	NW 0	W 0-1	SE 0	2	2	0	.	
20	17.4	26.2	25.6	23.1	5.0	723.9	721.3	719.0	81	52	40	E 0	N 0	E 1	0	1	8	1.4	n (²⁰/₂₁) ⸗ ●
21	19.4	22.5	19.2	20.4	2.2	723.6	722.6	724.5	48	45	44	N 1	NW 1-2	NW 1-2	1	1	10	.	
22	19.0	21.3	18.2	19.5	1.3	721.9	721.9	720.5	57	46	72	NW 0	NW 1	SE 0	7	5	6	.	
23	16.9	19.0	16.4	17.4	−0.8	719.8	720.0	720.0	85	85	100	W 0	N 0	N 0	10	10●	5	2.7	●
24	18.6	23.0	19.4	20.3	2.1	721.4	721.0	723.9	86	48	60	NE 0	NW 1	N 0	4	3	9	.	
25	15.4	20.3	17.4	17.7	−0.5	724.9	724.9	725.0	80	55	85	N 0	N 0	NW 0	10	9	10	.	
26	17.4	20.1	16.7	18.1	−0.1	723.4	722.0	720.3	70	50	80	NE 0	NW 1	NW 0	9	5	10	1.5	n (²⁶/₂₇) ●
27	14.4	16.0	14.5	15.0	−3.2	719.7	**718.9**	720.6	95	69	57	NE 0	N 0	NW 1	9●	10●	10●	5.8	●
28	11.7	11.0	**10.8**	11.2	−7.0	722.9	726.1	727.2	100	90	100	NE 0	N 0	NW 0	10●	10●	10●	**15.2**	●
29	11.0	18.4	14.1	14.5	−3.6	726.6	725.4	725.1	98	42	74	NE 0	N 1	N 0	1	4	8	.	
30	11.8	21.0	14.3	15.7	−2.4	724.5	723.3	723.1	86	45	84	N 0	NW 1	N 0	0	3	0	.	
31	12.4	21.6	15.7	16.6	−1.5	722.8	721.8	722.6	92	41	85	E 0	NW 1	N 0	0	2	3	.	
Mittel	15.7	20.8	17.1	17.9	—	723.3	722.9	723.3	83	54	81				4.8	5.3	7.1	Summe 57.3	

Juli 1918.
Observatorium.

Genf.

$\lambda = 6^{\circ}\,9'$, $\beta = 46^{\circ}\,12'$.
$H_b = 405.0^{m}$, $G = 0.02\,^{m}/_{m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.4	19.4	17.0	16.1	−2.1	724.5	723.6	724.6	64	58	54	NNE 1	NW 1	SW 1	0	0	0	.	
2	14.8	20.4	17.1	16.5	−1.8	727.2	727.5	729.1	67	47	64	SW 0	NNE 1	SW 1	0	1	0	.	
3	15.0	19.7	16.4	16.4	−1.9	730.1	729.7	730.6	72	52	63	SSW 0	NNE 1	NNE 1	0	9	8	0.1	●° 13
4	14.6	19.4	15.8	16.4	−2.0	731.1	730.5	730.9	73	60	71	NNE 1	NNE 1	NNE 2	8	2	0	.	⸗ III–n
5	15.0	18.6	16.8	16.7	−1.8	729.8	729.5	729.3	75	60	70	NNE 2	NNE 2	NNE 1	9	3	0	.	⸗
6	14.8	20.4	17.0	16.9	−1.6	730.1	729.8	730.3	78	53	61	SW 1	NNE 1	NE 0	1	9	0	.	(|) 10
7	14.2	22.5	18.5	17.9	−0.6	730.8	729.6	729.0	72	46	67	SE 0	NNE 0	NE 1	0	0	0	.	
8	16.2	27.6	23.5	21.0	2.4	728.3	726.1	724.2	77	**31**	46	SSW 0	W 1	SSW 1	0	2	1	4.5	(|) 11, n ●
9	18.5	22.6	16.3	19.6	1.0	724.6	**722.8**	724.8	87	53	91	SSE 0	SSW 1	E 0	9	9	10●	13.5	● 17–22½, n
10	15.6	23.0	14.6	18.0	−0.7	725.1	725.1	726.5	88	53	91	SSW 1	SSW 2	SW 1	9	2	10●	**33.5**	⸗ II, ⸗ 17, 17½, 21, [illegible]
11	15.8	21.6	18.0	18.1	−0.6	727.9	727.2	727.0	88	47	73	SSW 0	SSW 1	SW 0	3	2	0	.	
12	16.2	24.0	19.2	19.5	0.8	727.2	726.4	727.7	73	33	61	SSE 0	SW 1	SSW 1	6	1	0	.	
13	19.0	23.2	18.5	20.3	1.5	728.4	727.8	727.5	60	49	77	SSW 0	W 1	SSE 0	0	0	0	.	
14	15.4	20.2	17.7	17.5	−1.3	727.9	728.6	729.4	85	64	91	SW 0	NNE 0	NE 0	9	9	3	2.2	●, ⸗ 17½
15	19.0	23.2	21.2	20.8	2.0	729.9	728.8	728.0	84	64	78	S 0	N 1	NE 0	1	0	0	.	
16	19.8	24.4	23.5	22.6	3.8	728.3	727.2	727.1	62	65	37	SE 0	NNW 1	SSE 0	2	1	0	.	
17	19.8	26.4	23.2	22.9	4.1	727.7	725.8	725.0	75	44	65	SSE 0	NNE 1	NNW 1	0	0	9	.	
18	22.0	**27.8**	22.5	24.3	5.4	727.5	728.3	731.3	56	39	57	SW 0	SSW 1	SW 1	9	7	9	.	
19	19.2	24.3	21.2	21.5	2.6	**732.9**	731.5	730.3	69	36	67	NW 1	NNE 1	SE 1	0	0	0	.	
20	17.8	25.0	25.0	22.0	3.1	728.5	725.1	726.5	79	56	41	SSW 0	NNE 1	W 1	2	2	9	.	⸗² 20–22\
21	18.0	24.0	16.5	20.2	1.3	730.3	729.0	729.6	57	33	65	SSW 1	SSW 1	SSE 1	0	0	0	.	
22	15.4	19.4	19.4	17.5	−1.4	728.4	726.4	725.4	67	51	51	SSW 0	NNW 1	SSW 0	1	3	0	.	
23	18.0	21.7	21.0	19.2	0.3	724.6	724.5	725.2	72	72	72	W 0	NW 1	SSW 1	9	9	2	1.9	●
24	19.6	24.4	18.0	20.8	1.9	726.5	727.0	727.9	65	45	64	SSE 1	SW 1	SE 0	0	0	0	.	
25	15.8	24.3	18.2	18.9	0.0	729.4	728.7	728.7	76	38	50	SSW 0	SE 1	NW 0	9	3	3	.	
26	16.0	23.6	17.7	18.5	−0.4	728.3	726.7	725.8	70	33	58	SSW 1	SW 1	SW 1	2	2	4	0.9	n (²⁶/₂₇) ●°
27	15.2	15.1	12.0	14.8	−4.1	726.4	726.3	726.6	61	76	95	SW 1	SW 1	SE 1	8	9●	10●	5.9	● ⸗ 2[illegible]½, ●–22½, n
28	12.6	12.0	13.0	13.5	−5.4	729.6	730.9	731.3	88	94	77	SE 0	NNE 1	NNE 1	9	9●	0	2.2	●
29	**11.6**	19.2	15.8	15.1	−3.7	730.8	729.8	729.1	82	43	70	SSW 0	NNE 1	NW 1	0	1	0	.	
30	13.4	21.6	18.0	16.7	−2.1	729.7	727.8	727.1	75	49	69	SSW 0	NNE 1	N 0	0	0	0	.	——
31	13.2	21.4	18.3	17.6	−1.2	727.5	726.9	726.5	76	45	63	SSW 0	NNE 1	W 0	0	0	0	.	10. ▲² 17–17½
Mittel	16.3	22.0	18.4	18.6	—	728.4	727.6	727.8	73	51	66				3.4	3.1	2.5	Summe 64.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobachtungen in dreistündigen Zeitintervallen. Die Beobachtungstermine sind 7³⁰, 13³⁰ u. 21³⁰.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$.
$Hb = 493.2^m$, $G = 0.08\ m/m$.

Zürich.

Juli 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	10.9	21.2	13.7	15.3	−2.5	718.1	716.9	718.0	78	**32**	63	E 1	NE 2	NE 1	1	0	0	.	↙
2	11.8	18.9	11.4	14.0	−3.9	719.9	720.3	721.6	74	43	90	SW 0	N 1	NE 1	4	4	6	5.3	⊼ ● ↙ 18
3	14.6	19.7	11.6	15.3	−2.6	721.8	721.4	723.8	74	54	98	NE 0	NW 2	SW 0	8	9	10●	**23.0**	●° 11½–12, ↙ II, *)
4	11.8	14.2	12.0	12.7	−5.3	723.9	724.0	724.1	91	83	100	N 0	NW 1	NW 0	10	10●	10●	10.2	●° 7–9, ● 13–3
5	12.0	18.3	13.0	14.4	−3.7	723.5	723.0	722.5	95	65	85	NE 1	NE 1	SE 1	10●	3	1	0.2	● 6–8
6	12.1	16.0	14.2	14.1	−4.0	722.3	722.5	721.9	86	79	82	NW 0	NE 1	E 0	9	10●	10	0.4	●° 10, 13–14
7	13.6	23.2	15.0	17.3	−0.8	722.7	722.0	721.7	89	47	80	NE 0	NW 1	NE 0	2	2	2	.	
8	13.8	26.4	17.8	19.3	1.1	720.5	718.4	716.8	85	46	79	W 0	W 1	E 0	1	2	1	.	
9	20.8	23.5	15.7	20.0	1.8	716.3	716.0	717.2	66	61	100	W 2	NW 1	NE 1	4	6	10	7.7	↙, ●° 9, 13, ⊼ ● 16–21
10	16.5	16.3	14.5	15.8	−2.4	716.7	718.5	717.3	95	91	98	W 0	SW 0	E 0	10	10●	10	14.6	● 7–14½, ●° 16–20, *)
11	13.2	19.2	16.0	16.1	−2.2	720.5	720.1	719.9	80	62	81	NE 1	W 0	NW 1	4	7	6	0.1	●° 22
12	14.5	24.0	15.8	18.1	−0.2	719.3	717.9	718.8	90	57	77	E 0	SW 1	NE 0	1	6	1	.	p ↙
13	16.1	21.6	16.4	18.0	−0.3	721.0	720.6	720.5	65	52	78	NW 0	W 1	NE 0	9	3	2	.	↙
14	16.0	19.4	19.0	18.1	−0.3	720.0	720.4	721.3	78	80	65	W 1	NW 1	SW 2	6	10●	9	0.6	●° 6½, 13–19, p ↙
15	18.3	27.3	19.4	21.7	3.3	721.9	721.2	721.1	84	44	88	S 1	SW 2	E 0	6	1	2	.	↙
16	19.1	30.7	20.6	23.5	5.1	720.6	719.4	719.5	81	50	68	W 0	NW 1	E 0	2	1	0	.	
17	19.2	**33.3**	24.1	25.5	7.1	720.2	718.2	717.1	85	52	85	E 0	W 0	E 1	0	0	3	.	n (17/18) ⊲² ↙
18	22.2	27.3	20.1	23.2	4.8	719.6	720.4	723.3	70	52	72	E 0	NW 1	NW 2	5	3	9	.	●° 2, 20, ↙, ⊼ ● 12
19	18.2	24.6	18.4	20.4	2.0	**725.2**	723.9	723.1	74	45	73	N 0	NW 1	NE 1	1	1	0	.	
20	16.7	30.6	26.6	24.6	6.2	721.0	717.7	716.2	86	54	54	E 0	SW 0	SW 3	1	1	8	.	⊲² III, n ↙
21	18.2	24.5	17.8	20.2	1.8	720.8	720.7	721.9	58	52	61	W 2	NW 1	NW 1	2	1	9	.	↙
22	16.4	22.5	16.4	18.4	0.0	720.9	718.7	717.6	72	43	81	NW 1	NW 1	N 0	4	7	3	0.1	
23	15.4	17.6	20.8	17.9	−0.5	717.1	716.5	**715.7**	89	80	72	N 0	SW 1	SW 2	10●	10●	9●	4.5	●° 6–8, ● 13–23, ↙ III
24	17.6	23.4	17.6	19.5	1.1	718.4	718.6	720.5	74	48	60	W 0	W 1	NW 0	2	4	7	.	p ↙
25	15.9	22.4	17.6	18.6	0.3	721.2	720.9	721.2	76	39	55	NE 1	NW 1	NW 0	7	4	9	.	a ↙
26	15.4	20.1	14.0	16.5	−1.8	720.0	718.5	717.9	68	45	79	NE 1	NE 1	NE 0	6	4	3	1.7	●° 16
27	12.9	13.8	13.6	13.4	−4.9	717.0	716.6	717.4	80	80	65	W 1	W 4	SW 2	8	10●	10	7.3	● 4–7, 10, 13–14, 22–24, *)
28	11.0	11.7	11.4	11.4	−6.9	719.1	721.8	723.9	100	91	91	SW 2	SW 1	SW 1	10	10●	9	2.1	● 2½–16, ↙
29	11.2	18.8	12.6	14.2	−4.0	723.7	722.5	722.3	95	52	84	SE 0	NW 0	NE 0	1	3	1	.	
30	**10.8**	22.8	15.6	16.4	−1.8	721.7	720.5	720.0	94	54	62	NE 0	NW 1	NE 0	0	1	2	.	
31	11.6	23.5	15.4	16.8	−1.4	720.0	719.6	719.6	93	50	65	E 0	NW 1	NE 0	0	1	1	.	
																		Summe	
Mitte	15.1	21.8	16.4	17.8	—	720.5	719.9	720.1	82	57	77				4.6	4.6	5.3	77.8	

*) 3. ●° 15–16½, ●°–23½, ●–3 *) 10. ●² 22–23, ●–2, ↙ 24 *) 27 ↙ II, ↙–n

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ m/m$.

Rigi-Kulm.

Juli 1918.
Beobachter: *Fr. Schreiber.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.4	8.2	7.1	6.9	−2.1	614.0	613.9	615.0	78	87	80	E 0	E 0	NE 0	0	0	0	.	
2	6.0	7.6	6.2	6.6	−2.5	615.5	617.2	618.0	74	70	76	NE 0	NE 0	W 0	3	3	5	1.6	n (2/3) ●
3	5.8	6.6	3.5	5.3	−3.8	618.1	618.3	619.5	85	96	100	W 1	W 1	W 0	5	10	10●≡	28.6	p n ●² ≡
4	4.6	6.6	4.8	5.3	−3.9	619.0	619.2	619.4	96	92	100	W 0	W 0	W 0	10≡	10	10●≡	7.5	≡, p ●
5	5.4	7.8	6.8	6.7	−2.6	618.7	618.8	619.2	100	94	76	NE 0	E 0	NE 1	10	10	3	.	≡° n–II
6	8.2	6.2	7.0	7.1	−2.3	618.3	618.6	618.9	40	96	82	NE 0	W 1	W 1	5	10●	10	.	●° II
7	7.6	11.2	8.2	9.0	−0.4	619.3	619.4	621.0	72	70	95	W 0	W 0	W 0	3	0	0	.	
8	11.2	15.2	13.6	13.3	3.8	618.0	617.2	616.8	55	63	38	NW 0	NW 0	W 1	0	0	0	0.4	n (8/9) ●°
9	11.1	13.6	8.4	11.0	1.4	615.4	615.1	614.7	70	48	98	W 1	W 1	W 1	3	5	10●	21.6	p ●², ≡° III–n
10	9.8	8.6	8.4	8.9	−0.7	614.4	615.5	615.2	81	96	91	E 0	W 1	SW 0	10	10●	10●	**32.0**	● ≡° n–II, ●² III–n
11	6.6	9.9	8.8	8.4	−1.3	616.4	616.7	617.4	100	76	91	SE 0	SW 0	W 0	10	10	5	.	≡° n–II
12	8.0	10.8	9.4	9.4	−0.3	616.6	616.2	617.1	90	84	72	SE 0	W 0	NW 1	3	3	7	.	
13	6.4	10.6	9.8	8.9	−0.9	617.8	618.0	618.5	96	86	98	W 0	SW 0	SW 0	10	10	0	.	≡° II
14	12.4	10.7	9.8	11.0	1.2	617.7	618.3	618.8	46	72	84	SW 0	W 1	SE 1	3	10	10	.	
15	11.8	15.4	13.6	13.6	3.8	617.7	618.3	618.7	64	72	81	W 1	W 0	SE 0	3	0	3	.	
16	16.2	17.2	16.2	16.5	6.6	619.8	620.1	620.9	46	60	82	W 0	W 0	SE 1	0	0	0	.	
17	18.3	**23.8**	18.2	20.1	10.2	620.1	620.4	619.4	**28**	31	66	S 1	SE 0	SW 0	0	0	7	.	
18	14.8	16.7	11.2	14.2	4.3	619.2	620.4	621.1	56	82	98	W 0	SW 0	SW 0	5	5	10●≡	20.2	●° 11½, p ●² ≡
19	10.4	13.0	12.8	12.1	2.1	**622.1**	621.8	621.9	65	78	83	E 0	E 0	W 0	3	0	0	.	
20	14.8	20.4	17.6	17.6	7.6	620.1	618.8	617.8	45	43	46	W 0	S 1	W 3	0	0	5	1.2	↙ III, n ●
21	5.8	11.6	10.2	9.2	−0.8	618.0	618.4	617.6	100	76	70	NW 2	W 1	W 0	0	3	3	.	
22	9.8	15.0	9.6	11.5	1.5	617.0	616.3	616.8	80	59	78	SE 0	S 0	NW 1	5	7	7	.	
23	9.4	9.8	11.6	10.3	0.3	615.3	614.8	614.2	54	82	56	SW 0	W 0	W 4	10	10●	3	4.0	● ≡° II, ↙ III
24	8.2	10.9	9.4	9.5	−0.5	616.2	617.2	618.2	100	85	96	W 1	W 0	W 0	10	3	10	.	
25	7.8	9.6	8.2	8.5	−1.5	618.4	618.4	618.7	72	88	94	W 0	W 0	W 0	3	10	7	.	
26	7.8	9.2	7.0	8.0	−2.1	616.9	616.4	615.5	72	76	90	NE 0	W 0	W 0	7	5	7	10.2	
27	3.4	6.6	3.0	4.3	−5.8	**613.0**	613.2	613.6	100	92	100	W 2	W 0	W 2	10●≡	7	10●≡	18.4	● ≡ n–I, III–n
28	**2.2**	**2.2**	**2.2**	2.2	−7.9	614.7	617.5	618.4	100	100	100	W 3	W 3	W 0	10●≡	10●≡	10	14.2	● ≡ ↙ n–II, p ≡°
29	5.4	8.0	5.4	6.3	−3.7	618.7	618.6	619.1	76	72	75	W 0	SE 0	SW 0	0	3	0	.	
30	6.2	9.4	7.6	7.7	−2.3	617.6	618.0	617.7	74	83	74	SW 0	S 0	SW 0	0	0	0	.	
31	7.2	10.4	9.6	9.1	−0.9	616.7	617.3	618.0	64	73	80	W 0	W 0	W 0	0	0	0	.	
																		Summe	
Mittel	8.6	11.1	9.2	9.6	—	617.4	617.7	618.0	74	77	82				4.5	5.0	5.2	159.9	

Juli 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^h\,53'$. $\beta = 46°\,33'$.
$H_b = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.9	15.0	7.8	9.6	−1.5	620.0	618.4	619.8	77	30	75	E 1	NE 2	— 0	3	1	0	.	
2	5.8	10.2	6.8	7.6	−3.6	620.7	621.4	622.9	87	49	70	NE 1	W 2	— 0	5	10	10	0.9	p ●°
3	5.2	8.9	6.0	6.7	−4.5	622.0	622.6	623.4	91	75	77	N 1	W 0	N 1	10	10	10	2.2	● 8–p
4	8.8	10.1	8.2	9.0	−2.3	623.5	623.4	623.4	71	62	70	E 0	NW 2	— 0	6	10●	10	.	a ⸙, ●° II
5	7.8	13.8	10.2	10.6	−0.8	623.4	623.1	623.4	67	51	64	N 2	W 3	NE 1	10	8	10	.	⸙ II
6	6.4	11.9	6.4	8.2	−3.3	623.6	623.0	624.0	88	47	75	S 1	SW 3	— 0	1	10	10	0.4	⸙ II, ●° 15½–III, ⌒ 16
7	10.0	16.4	9.4	11.9	0.4	624.2	624.0	624.9	72	40	64	N 1	W 3	— 0	6	1	1	.	⸙ II
8	8.0	20.0	9.6	12.5	0.9	624.4	622.6	622.3	75	43	70	S 0	S 4	— 0	0	2	4	.	⸙ II
9	10.8	11.5	10.0	10.8	−0.9	622.0	621.9	621.8	85	84	81	S 0	SW 1	W 1	8	10●	10●	2.7	● 9½–n
10	11.0	12.3	9.6	11.0	−0.7	621.8	621.5	621.4	83	69	90	W 0	W 0	W 1	10	10	9	**15.3**	●, n ●
11	7.4	15.6	9.0	10.7	−1.1	622.9	622.2	622.8	85	69	81	W 0	SW 3	W 1	10	8	10	0.5	⸙ II, ●°
12	9.8	17.0	9.2	12.0	0.2	622.5	621.7	622.7	84	44	75	N 0	S 3	— 0	2	6	1	.	⸙ II
13	6.6	19.1	9.8	11.8	−0.1	623.0	622.6	623.0	90	35	75	NE 1	SW 2	W 1	3	3	3	.	
14	7.0	15.4	8.4	10.3	−1.6	624.3	624.0	624.8	90	53	75	N 1	S 2	— 0	10	9	2	.	⸙ 12–13, ●° 16½
15	10.4	19.2	12.0	13.9	1.9	626.0	625.2	626.1	80	40	73	N 1	S 2	— 0	1	5	0	.	
16	10.2	22.5	12.1	14.9	2.9	626.2	624.7	626.2	85	37	75	NW 0	S 2	— 0	0	4	0	.	
17	10.8	**24.4**	16.5	17.2	5.2	**627.1**	626.0	626.3	85	**28**	76	S 0	S 3	— 0	0	0	0	.	
18	13.4	20.8	11.4	15.2	3.1	625.6	624.7	625.8	85	45	83	E 0	SW 2	— 0	6	8	1	.	⸙° ●° 14
19	14.0	21.0	11.8	15.6	3.5	626.8	626.1	626.9	80	42	71	NE 1	SW 3	— 0	5	1	0	.	⸙ II
20	10.6	22.0	15.4	16.0	3.9	626.4	624.6	623.9	86	45	78	W 0	SW 3	W 2	4	3	3	2.1	⸙ a–III, ● 19½, n ⸙° ●
21	12.2	19.6	11.8	14.5	2.4	622.8	623.0	622.5	90	33	55	S 0	NW 1	W 1	10	1	1	.	
22	9.6	19.0	12.6	13.7	1.6	622.9	621.2	620.9	84	48	80	E 0	S 3	W 1	3	9	5	.	⸙ II, ●° 15½
23	10.1	16.3	10.5	12.3	0.2	620.5	619.8	620.4	90	49	90	N 0	SW 2	NE 1	10	10	9	0.3	●° 14½–p
24	11.2	20.4	13.2	14.9	2.8	621.2	620.9	622.3	94	29	65	E 0	E 1	— 0	3	1	0	.	
25	10.4	20.4	11.2	14.0	1.9	623.1	621.9	622.4	85	40	76	SE 0	S 3	W 1	1	5	4	.	⸙ II, ●° 20
26	11.6	13.6	7.4	10.9	−1.2	621.1	619.8	620.3	74	64	82	NE 2	W 4	W 1	7	9	7	3.3	⸙ II, p ●
27	6.8	11.0	5.2	7.7	−4.3	618.5	**617.6**	619.0	94	64	95	E 1	NE 1	W 1	8≡	8	6	4.2	≡ I, ● 12–n
28	5.4	9.2	6.2	6.9	−5.1	618.8	620.6	623.0	91	53	68	E 1	W 4	W 1	8	7	10	0.6	⸙ ●°
29	5.8	14.0	6.0	8.6	−3.4	623.8	622.8	623.6	83	41	65	E 0	W 2	— 0	5	1	1	.	
30	**4.6**	15.6	7.5	9.2	−2.7	623.1	621.8	622.5	87	33	61	SE 0	S 3	NE 1	0	1	1	.	⸙ II
31	4.8	15.8	9.4	10.0	−1.9	622.3	621.7	622.6	88	29	58	N 1	E 2	— 0	0	1	2	.	
																		Summe	
Mittel	8.8	16.2	9.7	11.5	—	623.1	622.4	623.1	84	47	74				5.0	5.6	4.5	32.5	

Juli 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7°\,21'$, $\beta = 46°\,14'$,
$H_b = 540^m$, $G = 0.00\,^m/_m$

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	14.4	23.0	14.9	17.4	−1.5	712.1	710.6	711.3	73	44	69	NE 0	W 2	SE 0	9	4	0	.	△ I, ⸙ ●° 16
2	14.4	22.4	16.5	17.8	−1.2	714.8	713.3	715.6	68	42	42	NE 0–1	SW 1	N 0	0	6	1	.	△ I
3	14.8	20.5	14.5	16.6	−2.4	717.3	716.7	717.5	64	46	81	SW 0–1	SW 0–1	SW 0	9	10	10	.	●° 17
4	13.5	21.8	15.2	16.8	−2.3	718.7	716.2	717.1	81	42	66	S 0	W 1–2	SW 1	10	3	7	.	△ I
5	15.2	22.8	17.7	18.6	−0.5	717.3	715.0	715.2	85	42	56	SW 0–1	SW 2	SW 1	10	3	9	.	⸙ 14½–18
6	15.8	21.0	15.3	17.4	−1.7	717.6	716.3	717.1	67	43	46	SW 0–1	SW 0–1	SW 0–1	0	8	2	.	
7	15.0	24.8	18.4	19.4	0.2	718.1	715.3	716.8	57	36	47	NE 1–2	SW 1	N 0	0	0	0	.	
8	16.5	26.7	20.2	21.1	1.9	715.9	712.5	715.3	58	37	50	NE 0	SW 1–2	SE 0	0	1	0	.	
9	19.4	24.5	16.1	20.0	0.7	712.1	**709.5**	713.1	68	50	98	S 1–2	SW 1–2	SW 0	7	8	10●	7.7	●° 4–4½, 14½–15, ● 16–n
10	15.6	20.5	17.4	17.8	−1.5	712.0	712.7	712.3	95	69	79	S 0–1	SW 1–2	E 0	10●	10	10	**9.8**	● n–12½, ● ⸙ 16
11	15.7	21.5	16.7	18.0	−1.4	715.2	713.6	714.3	71	51	60	SE 0	SW 1–2	S 0–1	7	5	4	.	● n–4
12	16.1	23.9	19.4	19.8	0.4	714.6	712.2	713.9	61	41	39	NE 0	S 0–1	NW 1–2	1	2	4	.	△ I
13	17.4	24.1	19.6	20.4	1.0	715.3	713.6	714.8	54	43	56	E 0–1	SW 1–2	S 1–2	0	1	8	.	
14	16.5	19.2	17.2	17.6	−1.9	715.2	715.9	717.7	78	72	86	E 0	S 1	E 0	10	10	10	0.1	△ I, ●° 13, 19–20, n
15	18.7	27.5	20.9	22.4	2.9	717.2	715.2	714.9	71	37	86	S 0	SW 1–2	NW 0	0	3	0	.	△ I
16	20.3	29.6	22.6	24.2	4.7	715.3	714.5	715.8	37	35	47	E 0	SW 0–1	NE 0–1	1	3	0	.	
17	20.9	**30.9**	24.8	25.5	5.9	716.8	713.2	713.3	51	**31**	50	NE 0	SE 0	E 0	0	0	0	.	
18	24.2	27.2	22.2	24.5	4.9	714.4	713.6	717.4	57	41	59	E 0	S 0	NW 2	4	7	5	.	
19	21.3	27.4	20.6	23.1	3.5	**719.3**	717.4	717.5	49	40	48	NW 0	SW 2	NE 0	0	1	0	.	
20	20.1	29.6	23.4	24.4	4.8	716.8	712.4	711.7	58	32	54	E 0–1	E 0	NE 1	2	0	8	.	p ⸙, ⌇ ⸜ III
21	20.4	25.3	19.4	21.7	2.0	715.6	714.2	714.9	46	38	42	W 2	SW 2	NW 2	6	0	0	.	
22	16.5	24.3	18.2	19.7	0.0	715.4	712.3	712.7	60	46	56	NE 0	SW 1	NW 0	0	9	0	.	
23	15.6	17.4	16.0	16.3	−3.4	712.3	712.8	712.8	86	71	98	SE 0	E 0	E 0	10	10●	7●	3.9	●° 6, II, ● III
24	16.4	24.2	18.2	19.6	−0.1	713.0	711.8	714.2	82	41	50	SE 0	SW 1–2	N 1–2	0	2	0	.	△ I
25	16.6	24.4	18.6	19.9	0.2	716.1	714.2	714.7	60	38	46	NE 0–1	SW 1–2	W 0–1	2	1	4	.	⸜ III
26	16.8	24.1	17.9	19.6	−0.1	714.5	712.2	712.4	62	35	33	S 0–1	SW 1–2	W 0	10	2	8	.	
27	15.0	21.0	12.7	16.2	−3.4	711.9	711.2	713.8	72	36	69	SW 0–1	SW 1–2	S 0–1	8	6	9	1.5	●° 14, ● 20–n
28	**11.0**	23.0	13.3	15.8	−3.8	715.1	716.2	718.2	88	47	57	W 0–1	SW 1–2	SW 0–1	10●	7	4	1.0	● n–9
29	13.6	21.6	15.8	17.0	−2.6	718.2	715.7	716.2	60	35	52	E 0	SW 1	NE 0–1	0	3	1	.	
30	14.4	23.0	17.4	18.3	−1.2	715.9	713.2	713.9	62	39	41	E 0	SW 1–2	SW 0–1	0	2	0	.	
31	15.0	24.2	18.0	19.1	−0.4	714.7	712.7	713.9	56	35	43	NE 0	SW 1–2	NE 0	0	0	0	.	
																		Summe	
Mittel	16.7	23.9	18.0	19.5	—	715.4	713.8	714.8	66	43	58				4.1	4.1	3.9	23.5	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$H_b = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Juli 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	**14.8**	21.4	17.2	17.8	−2.8	737.1	737.0	736.7	85	45	65	N 0	S 0	NW 0	10	6	10	.	●° n-I
2	15.6	24.2	21.8	20.5	−0.2	736.8	735.7	735.6	75	45	81	NW 0	S 0	NW 0	0	0	0	.	
3	18.2	24.2	20.2	20.9	0.1	737.3	737.0	737.7	50	**20**	55	NW 0	NE 0	NW 0	0	6	10	.	
4	18.2	24.2	21.6	21.3	0.4	738.4	737.4	736.9	50	45	30	N 0	SE 0	NW 0	0	6	4	.	[●-III
5	22.2	26.2	20.4	22.9	2.0	736.9	736.4	737.2	30	40	95	NE 2	SE 0	NW 0	6	0	10●	9.0	⸙ 2½-I, ⸗ ● 18½-19½,
6	17.0	23.8	19.2	20.0	−1.0	739.2	738.1	737.9	80	45	30	N 0	S 0	NE 0	0	6	0	.	
7	17.4	27.6	25.2	23.4	2.3	739.9	738.6	739.0	45	25	38	N 0	S 0	N 0	0	0	0	.	
8	19.6	25.2	20.8	21.9	0.8	740.3	738.6	738.9	65	40	70	NW 0	S 0	NW 0	0	0	10	.	
9	20.6	20.6	16.0	19.1	−2.1	738.1	737.4	737.3	70	65	92	NW 0	NE 0	NW 0	10	10	10	20.0	⸗ ●² 17-21, n ●
10	17.0	18.8	16.8	17.5	−3.8	736.9	737.5	738.0	90	80	92	NW 0	SE 0	NW 0	10●	10●	10●	**71.5**	a ●, p n ●²
11	16.6	24.4	20.2	20.4	−0.9	738.6	737.9	738.1	85	45	85	N 0	SE 0	NW 0	10	0	10●	9.0	● III
12	17.6	24.4	18.8	20.3	−1.1	738.4	737.3	736.9	80	45	75	N 0	SW 0	N 0	10	6	0	.	
13	18.8	26.4	22.6	22.6	1.2	738.1	737.8	737.8	65	40	70	N 0	S 0	N 0	0	0	0	.	
14	20.0	23.8	18.0	20.6	−0.8	739.1	738.8	739.5	65	60	75	NW 0	W 0	N 0	6	10	0	.	
15	18.6	27.8	21.2	22.5	1.0	740.9	740.0	740.5	60	40	70	N 0	S 0	N 0	0	0	0	.	
16	20.6	28.4	22.2	23.7	2.2	740.6	739.4	739.5	60	45	75	N 0	S 0	N 0	0	0	0	.	
17	22.2	**31.0**	23.8	25.7	4.2	740.8	739.4	740.0	65	40	75	N 0	S 0	N 0	0	0	0	.	
18	22.8	**31.0**	21.8	25.2	3.7	739.3	738.3	738.8	65	38	58	N 0	S 0	N 0	0	0	0	.	
19	23.0	**31.0**	23.4	25.8	4.3	739.8	739.4	740.4	60	32	65	N 0	S 0	N 0	0	0	0	.	
20	23.8	29.2	24.0	25.7	4.2	**741.0**	739.3	737.2	60	45	82	NW 0	S 0	N 0	2	0	10	5.2	⸗ ● ▲ ⸙ 22½
21	21.4	29.6	21.0	24.0	2.5	737.0	735.7	735.4	80	38	60	N 0	S 0	N 0	8	0	0	.	
22	21.6	27.8	20.8	23.4	1.9	737.2	735.6	734.7	50	40	80	N 0	S 0	N 0	0	0	0	25.0	⸗ ●² ⸙ 24
23	19.0	25.0	21.4	21.8	0.3	735.5	734.2	733.8	80	45	75	N 0	SE 0	N 0	10	8	10	.	●° III
24	20.2	29.4	21.6	23.7	2.2	734.6	734.1	735.1	70	38	60	N 0	S 0	N 0	0	0	0	.	
25	22.0	29.0	21.8	24.3	2.8	737.3	736.4	735.6	55	40	88	NW 0	S 0	NW 0	0	0	4	1.0	●° 16½, n ⸗ ●
26	20.6	22.6	20.0	21.1	−0.4	735.3	734.2	733.5	70	52	90	NW 0	NW 0	NW 0	2	10	10●	16.0	⸗ ● 14, III
27	15.8	25.4	17.6	19.6	−1.8	733.7	732.0	**731.9**	65	40	35	N 0	S 0	N 0	0	0	0	.	
28	17.2	25.2	17.0	19.8	−1.6	735.3	735.5	738.3	50	**20**	28	N 0	NE 1	N 0	0	0	0	.	
29	16.4	26.2	17.2	19.9	−1.5	739.2	738.2	738.4	30	28	50	N 0	S 0	N 0	0	0	0	.	
30	17.6	26.6	18.0	20.7	−0.7	738.7	737.5	737.9	55	35	60	N 0	S 0	N 0	0	0	0	.	
31	18.2	27.2	18.8	21.4	0.1	737.4	736.4	736.6	58	35	70	N 0	S 0	N 0	0	0	0	.	
Mittel	19.2	26.1	20.3	21.9	—	738.0	737.1	737.3	63	42	67				2.7	2.5	3.5	Summe 156.7	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$H_b = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Juli 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	**10.0**	21.4	17.2	16.2	−2.1	737.0	735.2	736.6	74	**33**	53	NW 1	SE 1	E 1	1	1	0	.	
2	12.6	21.2	17.6	17.1	−1.3	738.7	738.7	739.9	75	53	62	W 1	NW 1	N 1	2	6	2	.	
3	16.4	18.6	13.2	16.1	−2.4	740.5	740.5	742.7	72	68	86	W 1	N 1	SW 1	5	10	10●	0.8	●° 19-24
4	12.0	15.2	13.6	13.6	−4.9	743.1	743.1	742.9	87	73	89	W 1	NW 1	SW 1	8	9	10	.	●° 12, 14, 15
5	14.0	20.0	18.2	17.4	−1.2	742.3	741.3	740.8	85	58	64	NW 1	N 1	NE 0	7	6	8	.	
6	12.6	20.0	17.8	16.8	−1.8	740.9	740.5	739.8	86	43	69	SE 1	W 1	S 1	10	9	9	.	
7	14.0	22.0	18.4	18.1	−0.6	741.4	740.7	739.9	67	48	70	N 1	NW 1	W 1	1	3	1	.	
8	15.5	26.4	21.8	21.2	2.5	738.6	736.0	734.3	75	39	63	SE 1	W 1	SE 1	1	1	2	0.6	⊕ 18½-19 [20, 23-n
9	17.8	21.2	17.8	18.9	0.1	733.8	734.6	734.9	82	56	82	E 1	NW 2	SE 0	7	8	8	5.8	⸗² 2-2½, ● 1-2, 10-10½,
10	15.6	16.8	16.8	16.4	−2.4	735.3	736.5	735.9	96	88	96	SW 0	SE 1	SW 1	10●	8	10	12.5	● n-11, 13, 16½-17, *)
11	14.6	19.4	17.1	17.0	−1.8	739.3	738.3	738.2	72	52	68	SW 1	E 1	SW 1	8	7	4	.	
12	14.7	22.4	19.0	18.7	−0.2	737.6	736.0	736.9	74	53	62	SE 1	W 1	S 1	7	6	1	.	●° 15, 15½
13	17.2	19.8	18.8	18.6	−0.3	739.3	739.3	738.9	67	54	72	SW 1	W 1	W 1	8	8	8	0.1	
14	14.8	20.0	19.6	18.1	−0.8	738.4	738.4	738.9	85	82	81	SE 1	E 0	SE 0	7	10	10	0.1	●° 6-6½, 11½-13, 15
15	19.4	27.6	22.8	23.3	4.3	739.9	739.1	738.8	75	46	69	SE 0	W 1	SE 1	5	4	5	.	
16	21.2	30.0	24.4	25.2	6.2	737.9	736.6	736.6	72	40	60	SE 1	SE 1	SE 1	1	1	0	.	
17	21.7	**32.4**	27.0	27.0	8.0	737.1	734.9	**733.5**	62	40	55	E 1	NE 1	SE 1	1	1	1	0.1	
18	21.2	26.6	20.8	22.9	3.9	737.9	738.7	741.9	73	50	69	E 0	NW 1	SW 1	7	7	6	.	●° 0½-1½, 9-10
19	18.2	26.0	21.6	21.9	2.9	**743.9**	742.0	741.3	77	44	59	E 1	W 1	S 0	1	2	0	.	
20	18.1	30.0	27.0	25.0	5.9	738.7	734.7	734.7	68	42	35	E 1	E 1	W 2	1	6	7	0.3	●° 19, ⸜ III
21	18.4	22.1	18.2	19.6	0.5	739.7	739.7	740.2	57	37	57	SW 2	W 3	S 1	10	5	3	.	⸙ n-II
22	15.8	22.6	19.6	19.3	0.2	739.3	736.6	735.5	65	36	67	E 1	E 1	SE 1	1	7	2	0.2	
23	15.3	19.3	18.4	17.7	−1.4	735.0	733.6	734.1	80	77	90	E 1	W 1	SW 2	10	10●	9	**13.5**	●° 6-6½, ● 12½-16½, [20-21
24	19.0	22.1	18.6	19.9	0.8	736.6	737.4	738.8	73	52	68	SW 1	W 2	S 1	7	7	4	.	
25	15.4	23.4	18.8	19.2	0.2	739.8	739.2	739.8	78	37	51	SE 1	SW 2	SW 1	9	3	9	.	
26	15.4	23.1	17.5	18.7	−0.3	738.8	736.7	736.1	75	35	69	S 0	S 0	S 1	9	8	4	0.6	
27	14.5	19.3	13.0	15.6	−3.4	735.1	734.2	736.2	75	45	84	S 0	W 2	S 0	10	6	8	1.8	● 4½-11, 19, 22-22½
28	12.5	12.9	12.8	12.7	−6.3	738.1	741.0	742.3	83	89	87	SW 2	SW 2	E 0	10●	10●	8	4.4	● ⸙ 6-17
29	11.8	19.5	14.5	15.3	−3.7	742.3	741.0	740.9	87	47	79	E 1	N 1	SW 1	1	5	0	.	
30	11.4	21.3	17.4	16.7	−2.3	740.6	739.0	738.4	90	45	73	NW 1	NW 1	NW 0	0	2	8	.	
31	12.8	22.2	17.4	17.5	−1.4	738.7	738.0	737.9	84	43	69	SE 0	NE 1	SW 0	0	1	0	.	
Mittel	15.6	22.1	18.6	18.8	—	738.9	738.1	738.3	76	52	70				5.3	5.7	5.1	Summe 40.8	

*) **10.** 19½-23½, [⸗² 19½-20

Juli 1918.
Observatorium.

Säntis.

$\lambda = 9^{\circ}\,20'$, $\beta = 47^{\circ}\,15'$,
$Hb = 2500.1^{m}$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.9	3.6	2.0	2.8	−1.1	562.4	563.2	563.6	53	90	**40**	NE 1	E 0	SW 0	1	7	1	.	≡ 15–16
2	1.8	2.5	0.8	1.7	−2.3	564.0	565.3	566.5	92	90	100	NNE 2	NNW 0	NW 1	6	9	10≡	0.3	≡ 10, 16½-n, n ●°
3	0.5	−0.1	−1.6	−0.4	−4.5	565.7	565.7	566.2	100	100	100	WSW 1	WNW 2	W 2	10≡	10≡*	10≡*	31.5	≡, △ 9–9½, △² *²)
4	−0.2	1.1	1.0	0.6	−3.5	566.5	567.0	567.4	100	100	100	W 1	SW 1	NNW 2	10≡	10≡	10≡●	18.6	⋁ l, ≡, * 11, ● 17–n
5	2.0	4.6	−0.2	2.1	−2.1	566.8	567.2	567.2	100	98	96	NNW 1	WNW 0	NNE 1	10≡	6	3	.	≡ n–18, 21–21½
6	1.8	0.4	0.6	0.9	−3.4	566.5	566.4	566.9	79	92	97	WNW 0	WSW 3	WSW 3	9	10≡	10≡	1.5	≡ 13–n, * 14–15
7	1.3	5.5	3.9	3.6	−0.8	567.0	567.9	568.2	98	88	97	WSW 2	WSW 2	W 3	10≡	4	10≡	.	≡ n–9, 16–n
8	5.9	9.8	6.9	7.5	3.0	566.9	567.1	566.3	76	74	80	WSW 3	SW 2	WSW 2	1	4	8	1.1	
9	7.8	8.9	5.0	7.2	2.7	565.2	564.8	564.6	85	86	95	WSW 2	ESE 0	SSE 2	7	9	10≡	0.3	● n–l, ≡ ●° 15½–16, *)
10	4.8	6.4	4.4	5.2	0.6	563.6	564.8	564.7	94	94	91	SE 1	SSE 0	SSW 2	8	10≡	10≡●	17.0	≡ 10-n, ● 11½–12, 21-n
11	3.6	8.7	3.6	5.3	0.6	565.2	565.7	566.0	96	90	91	SSE 0	SSW 0	W 2	5	7	10≡	.	≡ 15–n
12	7.0	9.8	3.6	6.8	2.0	565.3	565.3	565.8	92	85	90	SSE 0	SW 1	WSW 4	3	10≡	10≡	.	≡ 13–n, ⚳ III
13	5.3	9.0	5.3	6.5	1.7	566.3	566.8	567.1	90	83	93	SSW 1	SSW 1	WSW 3	10≡	10≡	8	.	≡ 7–19½
14	7.5	5.4	4.2	5.7	0.8	566.9	567.6	567.8	80	83	97	WSW 3	W 2	W 5	5	10	10≡	5.0	● ≡ 14–16, ≡ ⚳ 20–n
15	5.4	11.4	8.5	8.4	3.5	568.7	569.9	570.2	98	88	82	WSW 4	SSW 2	WSW 2	9	8	1	.	⚳ I
16	10.2	13.6	10.9	11.6	6.6	569.6	569.9	570.5	70	75	74	WSW 3	SSW 1	SSE 1	5	7	0	.	
17	14.6	**17.4**	14.3	15.4	10.3	570.9	571.0	570.0	50	54	56	SW 2	SSW 2	SSW 3	1	1	4	.	
18	12.8	11.8	7.4	10.7	5.6	569.3	569.3	570.4	76	90	97	WNW 0	SSW 1	W 2	3	10≡	10≡●	16.8	≡ 11–16, 19–n, ● *)
19	5.4	11.3	7.6	8.1	2.9	570.8	**571.2**	**571.2**	88	82	87	WSW 1	SSW 2	WSW 3	9	6	4	.	≡ 10, 16–17½, ♅ III
20	11.4	15.1	11.5	12.7	7.5	569.6	569.0	567.3	79	69	70	SW 1	SSW 2	WSW 3	3	2	7	11.0	∠ 20½, n ●
21	3.8	7.4	4.7	5.3	0.0	566.6	567.6	567.2	95	70	94	WSW 4	WSW 4	WSW 3	2	1	10≡	.	⚳ n–II, ≡ 16½–n
22	4.4	8.6	4.5	5.8	0.5	565.8	565.8	565.0	83	80	88	WSW 1	SW 2	WSW 4	1	9	7	.	♅ III, ⚳–n
23	3.6	6.1	5.6	5.1	−0.2	564.1	563.9	563.4	84	92	98	WSW 4	WSW 4	WSW 5	9	10≡●	10≡	33.2	⚳ I, ● 8–8½, 13–16, ≡ *)
24	3.8	7.8	4.8	5.5	0.1	564.5	566.1	567.0	98	95	94	WSW 4	SW 1	WSW 3	10≡	9	10≡	0.2	⚳ I, ≡ n–12, 17–u
25	3.3	7.2	3.6	4.7	−0.7	566.6	567.0	567.0	97	92	96	WSW 1	SW 0	WSW 1	10≡	10≡	10≡	.	≡
26	3.4	3.3	2.1	2.9	−2.5	565.1	564.4	564.2	92	90	93	SW 0	WSW 1	WSW 1	10≡	10≡	9	7.6	≡ n–19
27	−0.2	0.2	−1.4	−0.5	−5.9	561.3	561.2	561.3	98	98	100	WSW 3	WSW 1	WSW 3	10≡*△	10≡	10≡△	47.4	* △ n–10, ≡, △² 18, *)
28	**−2.0**	−1.6	−1.9	−1.8	−7.2	**560.8**	563.2	566.2	100	100	100	WSW 3	WSW 3	WSW 1	10≡*△	10≡*△	10≡*	**103.3**	△² n–15, ≡² *² ✢ ⋁
29	−1.6	2.7	−0.2	0.3	−5.2	566.3	566.6	566.7	98	98	98	SW 0	SW 0	WSW 1	8	10≡	7	.	≡ 10½–19
30	3.8	5.7	1.8	3.8	−1.7	565.7	566.1	566.1	82	92	96	WSW 0	SW 1	WNW 1	1	9	10≡	.	≡ 20–n
31	2.3	5.0	2.6	3.3	−2.2	565.0	566.1	566.0	98	87	81	WSW 3	WSW 2	NW 2	8	4	2	.	
																		Summe	
Mittel	4.4	6.7	4.1	5.1	—	566.1	566.6	566.7	88	87	89				6.6	7.8	7.8	294.8	

*) **3.** 12½–n, ✢ ⋁ 15–n *) **9.** ≡ 21–n *) **18.** 13–15½, 20½–n, ⚱ 15 *) **23.** ⚳ 13–n, n ●² *) **27.** 21–n, n *²

Juli 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^{\circ}\,34'$, $\beta = 46^{\circ}\,33'$,
$Hb = 2102.9^{m}$, $G = -0.14\,^{m}/_{m}$.

1	3.7	11.1	4.3	6.4	−0.2	590.7	590.6	591.6	66	40	85	N 0	S 0	N 0	1	1	2	.	
2	3.6	6.5	2.3	4.1	−2.6	591.8	593.0	594.5	80	58	98	N 2	N 2	N 2	1	8	10≡	1.3	≡ 18–n, n ●
3	2.4	3.6	2.2	2.7	−4.1	593.4	594.3	594.3	91	90	96	N 3	N 3	N 3	10	10●	10≡	0.9	⚳ ●°, ≡ 17–n
4	1.6	4.1	3.5	3.1	−3.7	595.0	595.2	594.8	97	89	96	N 3–4	N 2–3	N 3–4	10≡	10≡	10≡	4.2	≡ l, ⚳, ≡ ● 13–n
5	3.4	6.4	4.4	4.7	−2.2	594.8	595.1	595.4	96	74	95	N 3–4	N 2	N 1–2	10≡	5	10≡	.	⚳ n–l, ≡
6	2.8	5.8	3.6	4.1	−2.9	594.8	594.7	595.4	76	65	68	N 1–2	N 2–3	N 1	6	9	1	.	a ≡, ⚳ II
7	4.1	9.8	6.2	6.7	−0.4	595.4	595.9	596.4	64	38	86	N 2	N 1	N 1	1	0	1	.	
8	9.0	14.5	9.3	10.9	3.7	595.6	595.2	594.9	60	44	84	S 1	S 1	S 1	0	2	10	.	
9	8.2	8.9	6.2	7.8	0.5	593.4	593.0	592.9	88	73	96	SE 1	S 1–2	SE 2	10	10●	10●	24.8	●² 10–n
10	6.8	7.2	6.8	6.9	−0.5	592.2	593.2	592.6	80	90	97	SE 0	S 1	SE 1	10●	10●	10●	**36.7**	●²
11	5.2	11.1	6.6	7.6	0.1	593.7	593.8	594.1	84	64	90	N 0	S 1–2	N 0	7	9	10	.	
12	8.1	11.4	7.6	9.0	1.4	593.6	593.6	594.3	75	59	89	N 1	S 1–2	S 0	8	8	5	.	
13	5.8	13.8	7.2	8.9	1.3	594.4	594.8	595.1	85	42	96	N 1	S 1–2	N 1	1	8	4	0.4	●° 19½–21
14	11.1	12.1	9.0	10.7	3.0	595.1	595.7	596.7	41	66	60	SE 0	S 1	N 1	2	10	10	1.1	● 14–16
15	9.7	16.3	10.4	12.1	4.3	597.2	598.3	598.3	56	39	75	N 0	SE 1	S 0	0	2	0	.	
16	13.0	17.9	12.7	14.5	6.6	597.5	597.3	598.3	55	42	62	S 0	S 0	S 0	0	1	0	.	
17	14.8	**19.1**	13.6	15.8	7.8	598.6	598.5	598.6	52	42	62	S 0	S 1–2	S 1	0	0	10	.	
18	12.5	15.8	10.1	12.8	4.8	597.1	597.0	598.1	72	67	98	S 1	S 0	N 1–2	9	10	5	5.4	⚱ ● 14½–16
19	6.4	14.1	10.0	10.2	2.1	598.7	598.9	**599.0**	95	42	78	N 2	N 0	NW 0	10≡	0	0	.	≡ n–8½
20	11.8	15.7	12.2	13.2	5.1	598.1	597.1	595.7	76	65	96	S 1	S 2	S 2	6	10≡	10≡	.	≡ n–8, 11–n, n ∠
21	10.1	13.4	5.9	9.8	1.7	595.1	595.3	595.1	39	**25**	97	N 1	NE 0	N 3	1	0	5	.	⚳ III
22	5.0	15.1	8.1	9.4	1.2	594.1	593.8	593.4	81	43	95	N 0	S 1	N 1	0	10	10	.	≡ III–n
23	9.6	12.4	9.3	10.4	2.2	592.5	592.2	592.4	69	55	85	SE 0	S 0	S 0	10	10	1	1.4	● 7½–10, ●°
24	8.3	12.8	7.6	9.6	1.4	593.2	593.7	594.9	67	38	94	N 1	N 1	N 2–3	3	0	4	.	≡ 18–n, ⚳ III
25	6.3	10.2	6.3	7.6	−0.7	595.1	594.8	594.5	95	65	97	N 2	N 1–2	N 2	8	8	7	.	
26	4.7	7.6	4.9	5.7	−2.6	592.9	592.2	592.0	96	66	89	N 2	N 2	N 1–2	10≡	6	4	.	≡ l, ∠ 22
27	4.2	6.2	1.2	3.9	−4.4	**589.6**	589.7	590.1	94	67	91	N 1–2	NE 1	N 1–2	10≡	5	8	10.2	≡ l, ●
28	**0.1**	0.4	0.5	0.3	−8.0	590.1	592.4	594.5	92	97	98	N 2–3	N 2–3	N 2–3	10*	10*	10*	9.7	* 6–14, 17–n, ⚳, p ≡
29	0.5	7.3	3.4	3.7	−4.6	594.8	594.7	595.1	95	43	97	N 2	N 1–2	N 2	0	0	5	.	●° 18
30	4.2	9.4	5.4	6.3	−2.0	595.0	594.2	594.3	57	42	88	N 1	N 1	N 0	0	0	5	.	
31	6.4	9.1	6.3	7.3	−1.0	593.6	593.5	594.4	45	46	91	N 0	N 1	N 1	0	0	6	.	
																		Summe	
Mittel	6.5	10.6	6.7	7.9	—	594.4	594.6	594.9	75	57	88				5.0	5.5	6.2	96.1	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

August 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.9	25.7	18.0	19.2	1.4	712.4	710.8	710.0	88	30	78	E 0	NE 0	NE 0	1	1	3	.	⌓ I
2	14.8	17.5	14.1	15.5	−2.3	708.6	708.7	710.3	83	94	100	W 0	W 0	SE 0	10	10●	10	15.6	● 9½–10½, p
3	13.3	18.5	15.6	15.8	−1.9	709.9	708.7	708.3	98	68	94	SE 0	SE 0	SE 0	10	8	7	3.3	●°, ⊲ III, n ●
4	14.3	15.6	13.5	14.5	−3.2	710.1	710.3	712.3	95	86	100	SE 0	W 0	SW 0	9	8	10●	11.8	●, n ●
5	13.0	17.8	15.8	15.5	−2.1	712.7	711.9	711.5	98	83	97	S 0	SW 0	W 0	10	10	8	1.4	● 8½–9½, 20
6	17.7	20.9	10.0	16.2	−1.4	709.8	708.8	709.2	76	52	100	SW 1	W 2	W 0	9	7	9	13.7	⸗ II, ⊼ ● ▲ 21
7	9.4	13.1	11.3	11.3	−6.2	711.8	713.7	715.3	99	94	99	SW 0	SW 1	SE 0	10●	9	3	3.9	● n–9½, 13½–14
8	10.6	20.7	14.0	15.1	−2.4	716.3	715.9	716.7	94	42	93	SE 0	E 0	SW 0	1	3	3	.	⌓ I
9	12.6	16.9	12.3	13.9	−3.5	716.3	715.0	717.7	93	90	97	S 0	NW 0	SW 0	10	10●	5	3.3	● 12½–15½
10	11.6	17.6	11.0	13.4	−3.9	717.3	717.1	717.9	98	48	97	E 0	NE 0	NE 0	7	5	3	.	
11	9.6	19.9	14.5	14.7	−2.6	717.2	716.4	716.0	95	55	95	NE 0	NE 0	E 0	4	1	1	.	⌓ I
12	11.7	21.5	15.6	16.3	−0.9	716.4	716.1	716.7	98	51	92	E 0	NW 0	W 0	3≡	8	6	.	⌓ ≡ I
13	14.6	21.2	16.1	17.3	0.2	717.4	716.9	717.3	92	48	91	SW 0	N 1	S 0	5	7	6	.	⌓ I, ●° 17, 20½
14	12.5	21.7	15.4	16.5	−0.6	716.6	715.4	714.8	95	52	77	SE 0	E 1	E 0	1≡	1	0	.	⌓ ≡ I
15	13.0	25.0	17.4	18.5	1.5	715.6	714.8	714.8	94	45	80	SE 0	W 1	SW 0	1	1	1	.	⌓ I
16	15.6	27.0	19.2	20.6	3.7	715.6	714.3	713.9	83	42	67	S 0	SW 0	SW 0	1	1	3	.	⌓ I
17	17.5	27.2	19.5	21.4	4.6	714.5	714.4	716.0	87	34	89	S 0	NW 2	SW 0	8	3	5	.	⸗ II
18	16.9	25.8	19.7	20.8	4.1	716.1	714.9	715.5	90	36	62	SW 0	W 2	SW 0	4	1	8	.	⌓ I, ⸗ II
19	17.4	22.8	15.4	18.5	1.9	716.6	716.1	718.0	75	39	77	SW 1	SW 2	N 0	7	6	4	.	⌓ I, ⸗ II, ⋓ III
20	14.0	22.9	18.5	18.5	2.0	718.3	717.9	718.4	88	44	80	SSE 0	NE 1	E 0	1	1	0	.	⌓ I
21	14.9	26.5	20.0	20.5	4.0	719.6	719.4	719.3	94	44	91	E 0	E 0	NE 0	1	0	0	.	⌓ I
22	17.6	30.3	22.3	23.4	7.0	719.7	717.6	716.2	92	39	76	S 0	NE 0	W 0	1	4	5	.	⌓ I
23	19.1	30.4	22.6	24.0	7.7	716.1	714.4	713.6	92	24	63	S 0	W 2	S 1	1	1	7	.	⌓ I, ⸗ II, ⊲ 20–n
24	18.9	25.5	16.6	20.3	4.1	713.4	712.9	713.6	89	50	92	S 0	NW 0	W 1	3	9	10●	8.1	●° 15½, ● 18–n
25	14.5	20.9	16.3	17.2	1.1	714.0	712.9	711.5	100	66	95	S 0	SW 0	NE 0	10●	5	1	2.6	● n–8½, n
26	17.1	21.0	14.7	17.6	1.6	712.0	711.5	713.1	94	47	83	W 0	NW 1	W 0	8	7	4	.	
27	14.0	20.2	14.3	16.2	0.3	713.9	713.4	713.6	92	34	82	NE 0	W 1	NW 0	2	2	3	.	
28	12.7	23.1	16.0	17.3	1.5	713.3	711.5	713.0	91	28	72	S 0	W 2	SW 0	1	2	2	.	⌓ I, ⸗ II
29	14.8	18.0	12.9	15.2	−0.5	713.6	713.8	714.5	87	55	89	W 0	W 0	E 0	8	9	10	1.9	
30	7.6	13.3	8.9	9.9	−5.6	716.2	716.8	717.6	100	57	93	SW 0	NE 0	E 0	8●	7	1	.	● n–I
31	6.5	19.3	12.2	12.7	−2.7	714.5	712.1	710.6	95	29	85	SE 0	NW 0	S 0	1	4	2	.	⌓ I
																		Summe	
Mittel	13.9	21.5	15.6	17.0	—	714.7	714.0	714.4	92	52	85				5.0	4.9	4.5	65.6	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

August 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.5	25.3	20.4	19.7	0.0	719.9	718.3	717.0	83	43	59	NE 1	SE 1	NE 1	0	0	0	.	
2	16.0	19.2	15.4	16.9	−2.7	715.3	716.7	717.6	79	76	89	NE 1	SW 1	SW 1	10●	10	10●	2.3	● 6–n, p ⸗
3	14.8	22.3	17.5	18.2	−1.4	717.3	716.1	715.4	93	53	69	NE 1	S 1	NW 0	10	5	6	1.5	●° 8–9, ⊲ III, ⊼ ● 23, n ●
4	15.0	15.6	13.7	14.8	−4.8	717.4	718.0	719.6	82	87	95	W 0	SW 1	NW 1	10	10●	6	8.1	●° I, ● 10–n
5	14.1	18.3	17.2	16.5	−3.0	720.1	719.4	718.8	95	75	67	NW 1	SW 1	NW 1	10	10	7	0.4	●° n–8, ⸗ 18½–20
6	17.5	24.2	14.2	18.6	−0.9	717.2	716.1	716.4	71	38	63	W 1	W 3	NW 3	9	5	10	6.5	p ⸗, ● 21–n
7	11.2	13.7	11.7	12.2	−7.2	718.9	720.1	722.8	93	86	87	NW 1	NW 1	N 1	8	9●	2	0.3	●° 8½–13½
8	10.6	21.2	17.2	16.3	−3.1	723.9	723.7	723.7	88	47	66	NE 1	SE 1	NW 1	2	2	0	.	
9	14.1	17.5	14.4	15.0	−4.3	723.7	722.5	725.1	93	74	68	NE 1	SW 1	N 2	10	10	9	2.0	●° 11–12, ● 13½–15
10	12.9	19.1	13.2	15.1	−4.1	724.8	724.7	725.3	89	55	69	NE 1	NE 1	NE 1	3	8	0	.	
11	12.8	20.8	17.6	17.1	−2.1	724.6	723.9	723.2	78	54	61	NE 2	E 2	NE 2	2	1	0	.	
12	13.1	21.6	19.0	17.9	−1.2	724.0	723.7	723.9	89	59	65	SE 1	S 1	N 2	7	9	0	.	≡° n–II
13	15.4	22.6	19.0	19.0	0.0	724.9	724.4	724.6	81	55	54	NW 1	SE 1	N 2	7	7	2	.	⸗ 16–n
14	15.4	24.6	18.5	19.5	0.5	723.9	723.0	722.2	78	36	54	E 1	E 2	NE 2	0	0	0	.	
15	13.3	25.7	19.8	19.6	0.7	723.1	722.7	721.8	83	49	63	NE 1	SE 1	N 1	0	0	0	.	
16	15.0	27.4	19.8	20.7	1.9	723.0	721.9	721.3	83	41	60	NE 1	SW 1	N 1	0	5	3	.	
17	20.2	28.6	20.8	23.2	4.4	722.0	721.9	723.3	58	35	61	SW 1	W 2	NW 2	7	2	1	.	p ⸗
18	19.8	25.0	21.0	21.9	3.2	723.4	722.4	722.8	62	40	64	W 1	SW 1	NW 1	6	5	2	.	
19	17.9	24.5	17.6	20.0	1.4	723.5	723.6	725.2	57	36	57	NW 2	SW 2	NW 1	5	7	8	.	
20	15.0	26.0	19.8	20.3	1.8	725.9	725.3	725.8	75	47	69	E 1	SE 1	NE 1	5	2	0	.	
21	16.1	27.7	20.9	21.6	3.2	727.3	727.1	726.7	84	46	69	NE 1	S 1	NW 1	0	0	0	.	
22	17.5	28.1	22.2	22.6	4.3	727.2	725.0	723.2	89	47	67	NW 0	SE 1	NW 0	3	8	0	.	
23	19.2	30.6	22.3	24.0	5.8	723.5	721.6	720.6	86	53	56	NE 0	SW 2	NE 0	2	0	3	.	⊲ III
24	19.3	21.4	16.3	19.0	0.9	720.6	720.5	721.3	73	55	89	NE 0	NW 2	SW 2	8	10	10	14.6	⊼ ● 13½–15, ● 17–18, 21–n
25	15.3	22.6	17.8	18.6	0.6	721.3	720.2	719.0	97	62	76	NW 1	SE 1	N 1	9●	3	2	7.0	●° n–8, n ●
26	16.4	23.0	16.4	18.6	0.6	719.2	718.9	720.3	77	41	63	SW 1	NW 2	NW 1	6	3	4	.	
27	15.6	21.7	15.2	17.5	−0.4	721.1	721.0	721.1	62	40	70	W 1	SW 1	N 1	3	4	3	.	
28	13.7	23.1	17.3	18.0	0.2	720.7	719.0	720.1	81	48	59	SW 1	SW 2	W 2	3	4	5	.	p ⸗
29	14.6	20.6	14.2	16.5	−1.2	720.8	721.4	722.0	75	50	59	NW 1	SE 1	NE 2	7	7	6	.	⸗ ●° 16–n
30	10.7	14.3	9.8	11.6	−5.9	723.5	724.3	724.1	65	68	74	N 1	SE 1	NE 1	4	4●	0	0.5	●° 9–13½
31	7.5	19.8	14.8	14.0	−3.4	722.3	719.7	717.8	90	39	67	NE 1	S 1	NW 1	0	5	0	.	
																		Summe	
Mittel	14.9	22.5	17.3	18.2	—	722.1	721.5	721.7	80	53	67				5.0	5.0	3.2	43.2	

August 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^\circ 39'$, $\beta = 46^\circ 53'$,
$H_b = 456.3^m$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.9	22.8	18.7	18.5	0.4	721.9	720.4	720.2	80	47	70	N 0	W 1	E 0	0	0	2	.	
2	17.2	21.3	16.7	18.4	0.3	**717.2**	718.8	720.0	70	55	94	N 0	NW 0	NW 0	8	10	10	19.7	n (2/3) ●²
3	14.2	18.2	13.8	15.4	−2.6	720.7	720.1	718.4	99	70	94	SE 0	N 0	N 0	10●	10●	8	17.9	●²
4	15.0	18.8	14.5	16.1	−1.9	719.9	719.9	722.1	90	69	99	N 0	N 0	NW 0	8	9	10	6.5	●
5	14.1	19.2	15.4	16.2	−1.8	722.7	721.8	721.4	92	54	90	NE 0	N 0	NW 0	10	10	10●	0.5	●° III
6	14.1	21.1	14.2	16.5	−1.4	720.0	722.9	718.8	95	54	100	N 0	NW 0-1	N 0-1	5	9	10	26.2	p ⊼² ●²
7	11.1	17.1	12.6	13.6	−4.3	721.5	723.3	725.6	94	60	99	N 0	NE 0	N 0	10●	10●	10●	2.1	●
8	11.0	19.4	14.8	15.1	−2.8	726.6	726.3	726.5	96	**35**	88	NE 0	N 1	N 0	3	5	4	.	
9	13.8	18.4	13.2	15.1	−2.7	725.9	725.3	727.5	86	52	85	N 0	N 0	N 0	9	10●	10	8.5	● 13½-n, ⸙ 17-18
10	11.8	15.9	10.1	12.6	−5.2	727.1	727.8	728.7	100	62	98	NE 0	N 0	NE 0	10●	9	0	2.7	● l
11	9.3	21.0	13.8	14.7	−3.0	727.2	726.4	726.0	98	59	98	N 0	N 0	NE 0	0	0	0	.	
12	11.9	21.0	16.2	16.4	−1.2	725.9	725.8	726.2	99	55	95	E 0	NW 0-1	SE 0	0	4	2	.	
13	15.5	21.0	14.7	17.1	−0.5	726.9	726.8	727.8	93	46	100	N 0	N 1	NW 0	7	5	10●	2.6	p ●, ⸙ 15-15½
14	11.9	19.7	15.2	15.6	−1.9	726.9	725.3	724.7	99	58	86	NE 0	NW 0-1	E 0	1	3	0	.	
15	12.1	21.4	16.8	16.8	−0.6	725.3	725.2	724.8	97	49	92	NE 0	N 0	NE 0	2	2	3	.	
16	14.5	23.4	19.3	19.1	1.7	725.2	724.7	725.0	97	49	62	NW 0	N 0	N 0	1	1	0	.	
17	17.0	25.3	21.0	21.1	3.8	724.5	724.0	725.9	85	41	80	N 0	NW 1	N 0	8	4	5	.	
18	18.2	23.0	18.4	19.9	2.7	726.1	725.0	724.8	80	57	89	N 0	N 0	N 0	5	6	10	.	
19	15.1	22.0	17.8	18.3	1.1	724.7	725.2	727.3	82	51	53	NW 0	NW 1	N 0	6	5	5	.	
20	14.7	21.3	16.8	17.6	0.5	728.2	728.6	728.8	83	50	85	NE 0	N 0	SE 0	0	1	0	.	
21	14.4	22.8	18.7	18.6	1.6	**729.6**	729.3	**729.6**	96	52	90	N 0	NW 0	E 0	0	0	0	.	
22	17.7	26.1	24.4	22.7	5.8	729.4	727.2	725.6	95	50	41	N 0	NW 0	SE 2-3	0	2	0	.	⸙ 20-n
23	18.6	**26.4**	21.0	22.0	5.2	725.6	723.5	723.8	82	52	95	N 0	NW 0	SE 0	0	1	10	2.4	● 20½
24	19.5	23.4	16.6	19.8	3.0	722.6	722.4	722.6	67	52	79	N 0	W 0-1	N 0	8	9	10	14.2	● 14½-p
25	16.2	21.1	15.8	17.7	1.0	723.7	722.5	721.7	89	55	90	NW 0	NW 0-1	E 0	10●	4	3	1.0	● l
26	16.1	21.2	17.3	18.2	1.6	721.7	720.7	722.5	95	52	70	NE 0	N 1-2	NE 0	9	9	10	1.2	● 8, 20
27	14.8	19.2	13.6	15.9	−0.6	723.5	722.8	723.5	93	41	82	NE 0	NW 1-2	E 0	8	6	0	.	
28	13.4	21.4	16.8	17.2	0.8	723.1	720.7	722.2	83	45	62	N 0	NW 1	SE 0-1	0	1	0	1.9	
29	14.6	16.4	12.2	14.4	−1.9	723.1	724.2	724.4	98	61	100	SE 0	N 1	W 0	9●	10	10	**33.8**	● n-l, ●² III-n, n ⸙
30	8.1	12.9	7.9	9.6	−6.6	725.8	727.3	727.2	97	55	85	NW 0	N 0	E 0	10●	10	0	5.2	a ●
31	**6.8**	16.4	11.9	11.7	−4.4	724.6	722.6	721.0	86	40	82	NW 0	NW 2	NE 0	0	1	0	.	
																		Summe	
Mittel	14.1	20.6	15.8	16.8	—	724.4	724.1	724.3	90	53	85				5.1	5.4	4.9	146.4	

August 1918.
Observatorium.

Genf.

$\lambda = 6^\circ 9'$, $\beta = 46^\circ 12'$,
$H_b = 405.0^m$, $G = 0.02^{m/m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	15.8	23.4	20.0	19.2	0.4	726.9	725.3	724.0	76	47	77	SSW 0	NNE 1	NNE 1	0	0	8	0.6	n (1/2) ⊼ ●°
2	16.9	17.8	15.4	16.7	−2.0	723.8	724.9	724.9	84	86	90	SE 0	SSW 1	SSW 0	9	10●	10●	10.6	● 8-15½, 17-22½, n
3	16.0	23.2	18.6	18.9	0.2	724.2	**722.8**	723.4	93	42	63	S 0	SSE 1	SSW 1	6	1	10●	1.1	⊼² III, ● 20-22½, n
4	15.8	20.7	16.6	17.2	−1.5	725.0	725.0	727.0	81	53	75	SSW 1	SSW 1	SE 0	9●	4	8	0.8	●° l, p
5	15.2	23.4	19.2	18.8	0.2	727.5	726.3	726.2	87	52	68	SSW 0	SW 1	SSW 0	10	2	0	.	●² l
6	19.2	22.9	16.4	19.4	0.8	725.2	724.5	725.1	67	42	61	SW 1	SW 2	SW 1	8	3	8	5.3	⸙ II, ⊼ ● 17, ⌒ 18, n ●
7	13.6	16.7	13.7	15.1	−3.4	727.1	728.4	729.7	80	60	77	SW 1	NNE 1	NNE 1	8	9	0	.	⌒ S
8	11.0	19.1	16.2	15.5	−3.0	731.0	730.6	731.4	84	52	58	SSE 0	NNE 1	NNE 0	0	0	0	.	⌓ l
9	13.4	20.6	15.1	16.3	−2.2	731.4	730.6	732.3	85	62	78	SW 0	W 1	E 0	9	10	0	.	
10	13.0	19.1	15.5	15.8	−2.6	731.7	730.9	731.2	75	39	65	SSW 0	NNE 2	NNE 2	0	0	0	.	⸙ 11-n
11	12.9	18.6	17.9	16.1	−2.3	731.7	731.1	730.5	68	49	55	SW 0	NNE 1	NW 0	1	0	0	.	
12	13.2	20.5	17.8	17.0	−1.3	731.5	731.0	731.4	82	59	72	SSW 1	NNE 1	SSW 0	8	9	0	.	⦶ 10
13	14.2	22.6	18.1	17.9	−0.3	732.2	731.5	731.1	82	45	64	S 0	NNE 1	NNE 1	2	3	0	.	
14	15.8	22.0	17.0	18.2	0.0	730.7	729.3	729.3	77	50	66	NNW 1	NNE 2	NNE 1	0	0	0	.	⸙ II
15	14.1	28.0	20.6	20.3	2.2	730.5	729.4	729.0	77	32	62	SSW 0	SW 1	SE 0	0	0	0	.	
16	16.3	29.9	22.7	22.1	4.1	730.2	728.9	728.6	76	30	55	SSW 0	SW 1	SW 1	0	1	2	.	⸙ 13-22½
17	21.0	29.2	21.4	23.6	5.6	729.5	729.5	730.1	57	30	70	N 0	SSW 2	SW 1	4	0	0	.	⸙ 7½-22½
18	17.4	28.6	20.6	22.0	4.1	731.4	730.0	730.3	80	33	57	SSW 0	SSW 1	NE 0	0	0	0	.	
19	18.2	24.2	18.8	19.5	1.7	731.4	730.8	731.8	69	34	56	SE 0	NNE 1	NNE 1	0	1	0	.	
20	15.9	23.8	20.3	19.3	1.6	732.6	731.7	732.3	72	44	74	SSE 0	NNE 1	SE 0	0	0	0	.	
21	17.4	24.2	21.0	20.1	2.5	**734.2**	733.8	734.0	77	52	73	SW 0	NNE 1	SE 0	0	0	0	.	
22	18.6	26.5	24.6	22.2	4.6	**734.2**	732.0	730.7	78	51	63	SSW 0	NNE 1	SSW 1	1	4	0	.	
23	20.7	**31.9**	24.0	25.0	7.5	730.6	728.7	728.6	71	**27**	44	E 0	SW 1	SW 1	0	0	0	.	⸙ 14-20
24	22.2	23.8	16.0	21.7	4.3	727.5	727.8	728.8	59	59	97	SW 0	SSW 1	NNE 1	9	9	10	**13.8**	●° 12, ⊼ ● 18-20½, n
25	16.8	21.3	19.2	18.6	1.3	728.3	727.2	725.6	94	64	81	SW 0	NNE 1	NNE 1	4	1	9	1.1	●° 22, n ⊼ ●
26	18.8	23.9	16.9	19.6	2.4	726.7	726.6	728.0	68	45	72	SSW 1	SSW 1	SW 0	3	3	0	.	
27	16.8	21.7	17.0	18.2	1.1	728.5	728.0	728.0	77	31	65	SE 0	NNE 1	NNE 0	2	0	0	.	
28	13.4	25.2	17.6	17.9	0.9	728.3	726.5	727.4	80	33	63	SSW 0	SSW 1	SSE 0	1	3	0	.	
29	15.4	20.8	15.5	16.9	0.0	727.9	728.3	729.1	74	44	58	SSW 1	NNE 1	NNE 1	6	2	0	.	
30	13.0	16.0	12.1	13.9	−2.9	730.3	730.8	731.0	53	40	65	NNE 2	NNE 2	NNE 1	1	0	0	.	⸙ l-21
31	**7.6**	17.2	14.0	13.2	−3.5	729.5	727.1	725.3	83	41	70	SSE 0	NNE 1	NE 0	0	0	0	.	
																		Summe	
Mittel	15.8	22.8	18.1	18.6	—	729.4	728.7	728.9	76	46	68				3.3	2.4	2.1	33.3	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

August 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.2	25.6	15.6	17.8	−0.3	719.3	718.2	717.1	86	55	64	E 0	W 0	NE 1	0	0	3	.	⟨ III
2	15.0	19.3	15.6	16.6	−1.5	**715.0**	716.7	717.2	82	70	82	NE 0	NW 1	E 0	6	10	10	20.8	a ⸗, ●° 10–19, ●² 22½–n
3	13.0	20.1	15.0	16.0	−2.1	717.6	716.5	715.5	99	67	80	SE 1	SW 1	NE 1	10●	8	6	7.7	● n–9½, ⟨² 24
4	14.3	17.2	13.8	15.1	−2.9	717.1	717.0	718.7	95	79	92	S 1	W 0	SW 1	9	10	10●	8.3	● 1–4, 11–n, ⟨ 14–14½
5	15.0	18.8	15.2	16.3	−1.7	719.1	718.8	718.3	85	63	93	SW 1	SW 0	NE 0	6	9	10	0.5	● n–4, ●' 11–15
6	16.4	21.4	13.6	17.1	−0.9	716.9	715.6	715.8	80	63	79	SW 1	W 1	NW 0	7	8	9●	3.0	●° 5, ⸗, ● ⸗ 19–n
7	10.8	14.8	13.6	13.1	−4.8	718.2	719.9	722.3	77	63	76	W 1	SW 2	SW 1	9	10	7	0.9	⸗, ● 8½, 11–14, 16
8	11.8	22.2	14.2	16.1	−1.8	723.2	722.8	723.3	94	43	81	SW 0	NE 0	NE 1	1	3	0	0.1	
9	14.5	17.6	13.8	15.3	−2.5	722.7	721.7	724.1	85	79	75	SE 1	NW 1	SW 1	10	10●	9	7.6	●° n–l, 22–23, ● ⸗ 13–16½
10	13.0	18.3	10.8	14.0	−3.8	724.2	724.3	725.7	88	54	95	N 0	W 0	E 0	7	6	3	6.2	● 10–17
11	10.8	22.4	14.2	15.8	−1.9	724.2	723.5	723.1	94	56	87	NE 0	SE 1	NE 1	1	3	0	.	
12	12.2	23.7	15.6	17.2	−0.4	723.4	723.3	723.1	99	56	92	S 0	NW 1	NW 0	3	4	0	.	
13	16.0	22.2	14.0	17.4	−0.2	723.8	723.4	724.4	80	52	100	NW 0	NW 2	E 0	5	8	2	0.8	●° 14, 19½–21, p ⸗
14	13.2	22.2	14.3	16.6	−0.9	724.1	723.3	722.0	99	54	84	E 0	NE 1	SW 0	9	1	0	.	≡ n–7
15	12.1	25.6	16.8	18.2	0.8	722.4	721.8	721.6	85	45	85	NW 0	NW 1	NE 0	2	0	0	.	⟨ 22
16	14.4	28.6	19.2	20.7	3.3	722.2	721.3	720.4	92	40	75	E 0	NW 1	NE 1	1	2	1	.	
17	20.0	26.7	19.7	22.1	4.8	720.4	720.9	722.5	57	50	76	NW 1	W 3	NW 1	8	7	7	.	⸗ 3 p
18	17.4	26.2	20.2	21.3	4.1	722.7	721.6	722.0	74	47	62	NW 0	NW 2	NW 0	4	2	9	.	⸗
19	16.3	22.6	14.3	17.7	0.6	722.9	722.7	724.6	76	56	75	SW 1	NW 2	W 0	6	3	6	.	⸗
20	12.6	25.3	16.2	18.0	0.9	725.0	725.2	725.7	86	42	82	E 0	NW 1	SW 0	1	1	0	.	
21	14.3	27.2	19.2	20.2	3.2	**726.6**	726.3	726.2	86	43	80	E 0	NE 1	NE 0	0	0	0	.	
22	16.2	**31.9**	20.6	22.9	6.0	726.5	724.7	722.4	86	39	83	NE 0	NW 0	E 0	0	3	0	.	
23	18.8	30.8	23.0	24.2	7.4	722.7	721.2	720.2	78	38	58	E 0	W 1	SW 1	1	0	10	.	●° 18, 20–20½
24	19.8	25.7	16.4	20.6	3.8	719.4	719.5	719.7	69	50	90	NW 0	NW 1	NE 0	2	8	5	8.0	⟨ ●² 1½, ⸗ 1–3, a, ●'
25	16.4	22.4	15.6	18.1	1.4	720.6	719.9	718.5	81	53	83	NW 0	NE 1	NE 0	9	3	0	1.0	[12–14, 23–24, ● 14½–16
26	17.0	23.2	17.2	19.1	2.5	718.4	718.2	719.6	77	47	60	SW 1	NW 1	SW 0	7	5	10	.	● ⸗ 2–4½, ⸗
27	14.2	21.4	12.8	16.1	−0.4	720.4	720.3	720.5	77	44	70	NE 0	NW 2	NE 0	7	2	10	.	⸗
28	14.1	23.8	15.5	17.8	1.4	719.9	718.2	719.4	79	**31**	62	S 0	W 2	NE 0	1	1	1	.	⸗ 10–p
29	15.4	18.1	13.4	15.6	−0.7	720.2	720.5	721.3	70	54	74	NW 1	NW 1	S 0	2	10	10	13.9	●° 11, ⸗
30	7.5	14.0	9.0	10.2	−6.0	722.6	724.1	723.8	96	61	82	S 1	SW 1	E 1	10	6	0	0.9	● 3–l, ● 9–12½
31	**6.1**	19.5	13.3	13.0	−3.1	721.6	719.0	717.3	100	40	75	NE 0	SW 1	SE 1	0	1	0	0.1	≡ 7. ≡° l
																		Summe	
Mittel	14.2	22.5	15.4	17.4	—	721.4	721.0	721.2	84	53	79				4.6	4.6	4.5	79.8	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

August 1918.
Beobachter: *Fr. Schreiber.*

1	9.8	11.8	12.4	11.3	1.3	616.6	616.8	617.1	60	67	64	W 0	W 0	W 0	0	0	3	.	
2	13.8	10.4	9.4	11.2	1.2	614.5	614.7	615.1	40	94	92	SW 1	W 0	W 0	5	10	10●	37.2	≡° II, ●² III–n
3	5.2	8.6	8.4	7.4	−2.6	614.4	614.3	614.1	96	62	66	S 1	W 0	SE 0	10●	7	3	10.0	● =° l, n ●
4	7.2	8.4	5.4	7.0	−3.0	613.9	614.2	615.2	82	80	100	W 0	W 0	W 1	10	7	10●≡	10.5	● ≡ III–n
5	5.8	9.6	8.2	7.9	−2.0	616.0	616.2	616.0	96	65	98	SW 1	W 0	W 1	5	10	10	1.8	p ● ≡° III
6	7.2	9.4	7.2	7.9	−2.0	614.5	614.0	**612.8**	89	96	100	W 2	W 1	W 2	7	7	10●≡	16.7	● ≡ III–n
7	1.8	3.4	3.6	2.9	−7.0	613.2	615.5	617.8	100	100	100	W 2	NW 2	W 0	10●*	10	10	10.5	a ● ✳ ≡, p ≡°
8	4.0	7.4	7.6	6.3	−3.6	618.7	619.4	620.3	86	76	76	W 0	SW 0	SW 0	0	3	3	.	
9	7.4	8.8	3.6	6.6	−3.2	619.4	618.7	617.7	85	100	100	W 1	W 1	W 2	7	10●=	10≡	29.0	p n ●² ≡
10	3.4	4.8	3.6	3.9	−5.9	619.0	619.7	620.5	100	83	86	SW 0	NE 0	NE 1	10≡	7	0	.	≡ l
11	5.0	9.0	8.0	7.3	−2.4	619.0	619.7	620.6	66	84	96	NE 2	NE 0	NE 0	0	0	0	.	
12	9.6	11.2	9.8	10.2	0.5	620.1	620.7	621.4	75	75	82	E 0	SE 0	SW 0	0	3	3	.	
13	7.4	11.0	8.2	8.9	−0.7	620.8	620.9	620.4	97	72	96	W 1	W 0	SW 1	10	7	7	11.0	≡° l, ● 14
14	7.0	10.2	8.4	8.5	−1.1	620.2	620.3	619.8	72	89	96	NE 0	NE 0	NE 0	0	0	0	.	
15	9.6	11.2	10.2	10.3	0.8	619.6	620.3	620.4	65	77	58	NW 2	NW 0	W 0	0	0	0	.	
16	11.4	15.0	14.6	13.7	4.2	620.1	620.6	620.7	78	56	44	W 0	SW 0	NW 1	0	0	0	.	
17	15.0	14.6	11.5	13.7	4.3	620.0	620.4	621.0	**38**	63	86	NW 2	NW 1	W 1	7	3	7	.	
18	9.4	13.4	10.6	11.1	1.7	620.3	620.3	620.7	88	54	80	NW 1	W 0	W 0	3	5	10	.	
19	7.4	10.0	6.4	7.9	−1.4	619.6	620.0	621.1	100	74	93	W 1	W 1	SW 1	10≡	7	5	.	≡ l
20	6.6	12.2	11.4	10.1	0.9	621.0	622.2	623.4	85	72	82	W 0	S 0	NE 0	0	0	0	.	
21	14.0	17.6	16.0	15.9	6.7	624.0	624.9	**625.4**	50	45	58	SE 0	SE 0	SE 0	0	0	0	.	
22	15.8	19.6	17.2	17.5	8.4	625.0	624.6	622.4	56	56	45	W 0	SE 0	S 2	0	3	0	.	
23	15.2	**19.8**	16.6	17.2	8.2	622.2	621.7	620.6	57	55	59	S 1	S 1	W 1	0	0	7	3.5	⟨ ● △ 16
24	14.4	14.6	11.4	13.5	4.6	619.1	618.9	618.4	56	68	58	SW 1	W 0	W 1	5	5	7	21.7	⟨ ● 2, 17
25	7.8	12.0	9.6	9.8	0.9	616.8	617.2	617.1	94	84	92	W 1	W 1	W 1	3	0	10	7.7	● 5
26	8.6	9.4	8.2	8.7	−0.1	616.1	616.3	616.9	100	100	82	W 2	W 0	W 2	10	10	10	.	● 4, ≡°–II
27	4.8	10.5	*8.0	7.8	−0.9	616.7	617.2	*617.5	94	65	70*	W 0	SW 1	SW *1	3	3	4*	.	
28	6.0	12.6	7.6	8.7	0.1	*616.5	616.2	616.9	55*	46	86	SE 1	SW 0	W 1	5	0	5	.	
29	5.4	5.2	4.2	4.9	−3.6	616.6	616.8	617.5	84	96	100	W 1	SW 1	SW 1	5	7	10≡	**42.2**	△² 19, ≡ III
30	**−2.0**	2.2	1.4	0.5	−8.0	616.3	617.1	618.6	100	85	60	S 0	SW 0	SW 0	10*≡	10	0	2.0	⟨ ●² 2–4, ✳ ≡–l, ≡°–II ⊠
31	3.2	8.4	7.0	6.2	−2.2	616.6	616.6	615.3	**38**	42	82	SW 1	SW 2	W 2	0	0	0	.	
																		Summe	
Mittel	8.0	10.7	8.9	9.2	—	618.3	618.6	618.8	77	74	80				4.4	4.3	5.0	203.8	

August 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$,
$H_b = 1712.6^m$, $G = -0.12\,m/m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	5.4	19.0	11.0	11.8	−0.1	622.7	621.3	622.4	86	28	81	NE 0	S 3	— 0	0	1	1	.	⸗ II, ⊲ III
2	9.0	15.6	10.2	11.6	−0.2	621.6	621.0	620.9	94	61	95	E 0	SE 2	— 0	7	10	10	1.5	p ●
3	10.4	7.8	7.8	8.7	−3.0	619.6	620.4	619.8	74	95	98	W 0	NW 1	— 0	9	10	10	28.2	●² 10–n, ⊼° 11½, 13
4	7.2	8.2	6.2	7.2	−4.5	620.3	619.6	620.9	94	85	93	N 1	S 0	— 0	10	10●	10●	8.0	●
5	5.0	14.8	9.0	9.6	−2.0	621.8	621.0	621.3	94	44	75	SW 1	W 1	— 0	7	10	0	.	
6	7.2	14.4	9.4	10.3	−1.2	620.7	619.1	**617.6**	90	52	76	W 0	S 4	SW 2	4	10	10●	8.2	⸗ II, ● III–n
7	5.4	8.0	5.4	6.3	−5.2	617.8	619.9	621.3	66	58	83	N 2	NW 2	NE 1	9	10	10	0.6	a ●°
8	3.0	14.1	9.0	8.7	−2.7	623.7	623.9	625.2	88	44	62	E 1	SE 1	NE 1	1	2	8	.	
9	4.0	14.0	7.4	8.5	−2.8	625.2	623.8	623.8	86	45	76	N 0	W 2	W 1	10	10	10●	1.8	● 18–n
10	5.6	10.3	6.2	7.4	−3.9	623.5	624.1	625.3	81	51	65	W 1	E 1	— 0	10	8	6	0.3	a ●°
11	2.4	16.4	9.6	9.5	−1.7	625.4	623.9	625.5	88	44	69	E 0	NE 3	NE 1	0	2	0	.	⸗ II
12	3.8	18.4	9.6	10.6	−0.5	626.1	625.1	625.9	92	34	60	W 0	W 3	— 0	9	1	0	.	⸗ II
13	7.1	13.6	8.4	9.7	−1.3	625.7	625.0	625.6	85	56	79	E 1	E 2	N 3	10	9	10	1.6	● 12–p, ⌒ 17, ⸗ III
14	7.4	15.8	9.0	10.7	−0.2	625.2	624.3	625.6	95	40	75	SE 1	E 3	W 2	4	2	2	.	⸗ II
15	8.0	18.2	10.2	12.1	1.2	625.7	624.6	625.9	85	36	67	E 0	W 2	— 0	2	1	2	.	
16	7.4	20.6	12.6	13.5	2.7	626.3	625.2	626.3	89	39	87	— 0	S 3	— 0	0	1	3	.	⸗ II
17	9.0	20.8	13.6	14.5	3.8	626.2	624.5	625.5	96	41	65	SE 0	S 3	— 0	1	8	7	.	⸗ II
18	10.2	20.4	12.8	14.5	3.9	625.4	624.2	624.8	88	42	60	E 0	W 3	W 1	6	5	8	.	⸗ II
19	12.2	17.0	10.8	13.3	2.8	624.4	624.1	624.9	71	33	47	W 2	W 4	NE 1	5	6	1	.	⸗ II
20	6.6	17.6	10.9	11.7	1.3	626.4	627.0	628.7	70	42	67	E 0	W 2	— 0	1	1	3	.	
21	7.0	22.4	12.2	13.9	3.6	630.5	629.9	631.6	92	41	88	NW 0	S 2	— 0	0	0	0	.	
22	8.4	**22.7**	14.4	15.2	5.0	**631.9**	629.9	629.9	93	38	71	S 0	S 3	W 1	0	1	0	.	≡ n–I, ⸗ II
23	9.6	21.8	13.8	15.1	5.0	629.0	627.5	626.9	86	41	57	E 0	S 3	— 0	0	1	1	.	⸗ II
24	7.4	19.7	11.8	13.0	3.0	625.8	624.0	624.2	89	40	89	S 0	SW 3	W 1	2	4	10●	6.0	⸗ II, ● 21–n
25	9.7	16.6	8.6	11.6	1.7	623.2	622.1	622.6	86	50	81	N 1	SW 1	— 0	4	7	2	1.1	● 11–13
26	6.1	16.0	10.2	10.8	1.0	622.2	620.9	620.9	94	50	81	E 0	SW 4	NE 1	3	6	0	0.6	⸗ II, ⊲ III, n ●
27	9.2	13.6	5.0	9.3	−0.4	621.3	621.8	623.1	76	41	70	N 0	N 1	N 1	10	5	0	.	
28	8.2	17.0	9.0	11.4	1.8	622.6	621.0	621.8	81	47	80	N 0	S 3	W 1	1	1	2	.	⸗ II
29	5.3	10.2	6.3	7.3	−2.2	621.8	621.4	621.3	96	61	79	NE 0	SW 3	W 1	5≡	10●	10	2.2	≡ I, ⸗ II, ●–n
30	3.0	6.0	2.5	3.8	−5.6	619.5	621.4	623.3	90	56	59	N 2	NW 3	W 1	10●	8	0	1.7	● n–I, ● ✳ 8–9, ⸗ II
31	−1.6	15.4	4.8	6.2	−3.1	622.3	620.2	620.5	85	**20**	61	S 0	W 3	W 1	0	0	0	.	⌊² I, ⸗ II
																		Summe	
Mittel	6.7	15.7	9.3	10.6	—	624.0	623.3	624.0	86	47	74				4.5	5.2	4.4	61.8	

August 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00\,m/m$

1	15.7	25.5	20.4	20.5	1.1	714.4	711.6	711.7	55	36	43	E 0–1	S 0–1	NW 1–2	0	0	4	.	
2	16.5	20.4	15.4	17.4	−2.0	710.6	711.0	712.8	56	68	98	E 0–1	SW 0–1	SW 0–1	10	10	10●	10.0	● 15–n
3	15.2	19.2	17.2	17.2	−2.1	711.5	710.7	711.5	93	59	75	NE 0	S 0–1	SE 0–1	10	10●	8	17.7	● 8–11, II, ⊼ ● 23
4	13.6	20.9	15.8	16.8	−2.5	712.3	711.2	714.4	96	54	74	S 0	SW 2	NE 0	10●	7	10	2.2	● 6½–9, ●° 14–15, 17, 18
5	14.9	21.7	17.0	17.9	−1.3	714.2	713.2	713.2	79	49	70	NE 0	SW 0–1	W 0–1	8	10	5	.	
6	16.6	23.3	14.6	18.2	−0.9	712.4	**710.0**	710.9	71	47	80	SE 0–1	S 1	NW 1–2	10	8	10●	8.4	● 21–n
7	11.8	19.2	13.2	14.7	−5.3	713.0	714.4	716.9	91	46	63	SW 0	SW 1–2	SW 0	10	5	2	0.1	● n–7
8	16.9	20.1	15.6	17.5	−1.5	718.2	716.8	718.6	67	42	55	NE 0	SW 0–1	NE 0	0	1	0	.	⊿ I
9	12.7	20.8	14.6	16.0	−2.9	718.7	716.2	718.3	87	51	66	SE 0	S 0–1	SW 2–3	10	10	7	.	●° 21, ⸗ III
10	12.7	21.6	15.1	16.5	−2.3	718.0	716.3	717.7	77	35	54	S 0	SW 1–2	W 0–1	1	2	0	.	⊿ I
11	12.0	21.5	16.2	16.6	−2.1	718.6	716.9	717.8	69	50	64	E 0	SW 1–2	W 0	0	0	0	.	⊿ I
12	14.6	23.2	17.0	18.3	−0.3	718.3	718.1	718.5	69	43	56	E 0	SW 1–2	NE 1–2	2	10	0	.	⊿ I
13	14.2	25.2	18.7	19.4	0.8	719.2	717.2	718.3	80	34	50	E 0	SW 1–2	W 0	2	6	0	.	⊿ I
14	15.1	23.5	17.6	18.7	0.2	717.5	715.9	716.5	64	60	61	NE 0–1	SW 1–2	NE 1–2	0	0	0	.	⊿ I
15	15.3	24.7	20.0	20.0	1.6	717.4	715.7	716.1	71	43	49	E 0	SW 0–1	N 0–1	0	0	0	.	
16	15.3	26.9	21.2	21.1	2.8	717.6	714.6	716.4	73	39	45	E 0–1	SW 1	NE 0–1	0	1	6	.	⊽ III
17	18.3	26.7	21.8	22.3	4.1	716.9	715.5	717.4	60	41	52	NE 0	SW 0	SW 0–1	7	2	7	.	⊽ III
18	18.0	26.2	22.4	22.2	4.1	719.3	715.6	716.6	72	44	44	NE 0	SW 1–2	SW 0–1	7	8	7	.	⊿ I
19	18.5	24.9	18.6	20.7	2.7	717.3	716.1	717.6	69	41	45	N 0–1	W 1–2	S 0–1	0	1	1	.	
20	14.4	24.1	19.8	19.4	1.5	719.9	718.1	721.2	73	44	60	NE 0	SW 0–1	NE 1–2	1	0	0	.	
21	17.1	27.3	22.2	22.2	4.4	**722.3**	719.8	721.6	78	43	55	E 0–1	SW 1–2	NE 0–1	0	0	0	.	
22	19.5	29.3	22.6	23.8	6.1	721.4	718.7	718.5	67	40	58	E 0	SW 1–2	NE 0	0	4	0	.	
23	20.8	**30.8**	22.4	24.5	6.9	718.7	715.4	715.7	56	37	74	NE 0–1	SW 0–1	NE 0–1	0	3	9	1.9	● 20½, ⊲ III
24	19.2	22.3	16.7	19.4	1.9	715.7	714.7	716.0	80	67	98	E 0–1	SW 1	NW 2–3	0	10●	10●	14.7	⊼ ● 4, ● 13½–14, ⊼ ⸗ [21–22½
25	14.2	22.9	17.8	18.3	0.9	716.0	714.0	715.0	99	48	64	NE 0–1	SW 1	NE 0–1	8	2	6	2.0	● 3–7½
26	16.6	24.0	18.1	19.6	2.3	714.2	711.7	713.9	85	47	44	SE 0	SW 2–3	NW 1–2	6	2	1	.	● 5–6, ⸗ II–n
27	16.5	22.4	15.6	18.2	1.0	714.5	713.5	714.8	61	36	45	SE 0–1	SW 2	W 0	7	1	0	.	⊿ I
28	11.3	22.7	17.0	17.0	−0.1	715.5	712.6	713.6	84	40	45	NE 0–1	SW 1	SW 0–1	1	4	0	.	⊿ I, ⸗ 17–18
29	15.7	22.2	14.9	17.6	0.6	713.7	712.8	715.1	62	40	55	NE 0–1	SW 2	SW 0–1	9	4	8	0.4	
30	10.3	18.2	10.4	13.0	−3.9	716.0	717.7	717.7	96	**32**	63	E 0–1	SW 1	SW 0	10●	3	0	.	●° 7–8
31	**8.0**	18.6	14.5	13.7	−3.0	717.1	713.2	713.4	87	37	50	S 0	SW 1–2	NE 0	0	0	0	.	
																		Summe	
Mittel	15.2	23.2	17.6	18.7	—	716.5	714.8	716.0	75	45	60				4.2	4.0	3.6	57.4	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,^{m}/_{m}$.

Lugano.

August 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	19.2	27.4	20.0	22.2	0.9	738.0	736.6	736.7	60	40	70	NW 0	S 0	N 0	0	0	0	.	
2	19.6	23.0	19.6	20.7	−0.6	736.8	736.8	735.8	75	50	90	NW 0	SW 0	NW 0	6	10	10	2.0	⌇ ● 19½
3	18.2	19.6	17.2	18.3	−2.9	734.8	734.3	734.8	85	65	92	NW 0	NW 0	NW 0	10	10	10●	98.0	⌇ ●² 10–11, 19, III–n
4	14.6	15.6	14.2	14.8	−6.4	735.1	735.1	735.4	90	88	70	NW 0	N 0	N 0	8	10●	0	2.0	⌇ ● 12, ●–13½
5	16.0	24.0	17.0	19.0	−2.1	737.0	736.8	736.3	55	40	70	N 0	S 0	N 0	0	2	0	.	
6	17.0	23.4	18.0	19.5	−1.6	736.1	734.6	732.5	70	45	90	N 0	S 0	NW 0	0	10	10	.	
7	19.4	25.4	18.2	21.0	0.0	**732.2**	733.2	736.6	22	18	20	NE 1	NE 1	NE 1	0	0	0	.	
8	17.4	26.2	18.0	20.5	−0.5	738.5	738.2	739.9	30	28	50	N 0	S 0	N 0	0	0	0	.	
9	17.6	23.8	18.6	20.0	−0.9	741.0	739.0	737.9	60	40	65	NW 0	S 0	NW 0	6	6	6	.	⸙ 23–24
10	17.8	24.6	19.6	20.7	−0.2	739.1	738.5	738.9	42	23	31	N 0	NE 2	NE 2	0	0	0	.	⸙ 9½–24
11	15.8	26.6	17.2	19.9	−0.9	741.1	740.0	739.7	47	27	49	N 0	S 0	N 0	0	0	0	.	
12	15.6	26.8	18.4	20.3	−0.5	741.4	740.7	740.7	66	36	61	N 0	S 0	N 0	0	0	0	.	
13	16.4	27.4	22.2	22.0	1.3	741.1	738.7	739.5	74	39	21	NW 0	S 0	NE 1	0	0	0	.	
14	20.0	26.4	18.6	21.7	1.1	740.1	740.0	741.6	29	33	55	NE 0	S 0	N 0	6	0	0	.	
15	17.4	26.2	19.0	20.9	0.3	742.3	740.9	740.7	70	36	62	N 0	S 0	N 0	0	0	0	.	
16	18.2	28.4	20.8	22.5	2.0	741.8	741.0	740.8	71	35	64	N 0	S 0	NW 0	0	0	6	.	
17	18.2	29.0	21.2	22.8	2.4	740.5	739.6	739.3	76	40	70	NW 0	S 0	NW 0	0	0	0	.	
18	20.0	28.6	21.8	23.5	3.1	739.6	736.9	737.4	76	41	75	NW 0	S 0	N 0	0	0	0	.	
19	16.6	28.8	21.8	22.4	2.1	738.0	736.5	737.2	72	28	75	N 0	S 0	N 0	0	0	0	.	
20	19.8	29.4	22.0	23.7	3.5	739.8	740.3	741.5	28	30	60	N 0	S 0	N 0	0	0	0	.	
21	20.8	28.6	26.2	25.2	5.1	746.3	746.1	746.6	74	37	63	NW 0	S 0	N 0	10	0	0	.	
22	23.0	29.8	21.6	24.8	4.8	**747.1**	745.4	744.3	64	39	68	N 0	S 0	N 0	0	0	0	.	
23	21.0	**30.6**	20.0	23.9	3.9	743.7	741.7	741.1	67	38	58	N 0	S 0	N 0	0	0	0	.	
24	19.2	27.8	19.4	22.1	2.2	739.7	738.6	737.7	65	38	81	NW 0	S 0	N 0	6	2	0	1.5	● 19
25	18.0	28.2	19.4	21.9	2.1	737.8	736.4	736.3	80	39	71	N 0	S 0	N 0	0	0	0	49.5	n (25/26) ⌇ ●²
26	17.2	24.8	19.2	20.4	0.7	737.6	736.6	735.5	90	45	75	NW 0	S 0	N 0	10	0	0	4.0	
27	17.6	28.2	18.8	21.5	1.9	735.3	734.8	737.8	58	**17**	60	NW 0	NE 1	N 0	9	0	0	.	
28	18.0	25.4	18.0	20.5	1.0	739.3	737.8	737.6	67	34	66	NW 0	S 0	N 0	8	0	0	.	
29	17.4	15.2	13.8	15.5	−3.9	737.2	736.7	736.4	76	80	86	N 0	N 0	N 0	2	10●	0	6.5	⌇ ● 12½–13½
30	17.2	21.6	16.0	18.3	−1.0	735.0	735.6	736.0	21	**17**	25	NE 1	NE 2	NE 2	10	0	0	.	⸙
31	**10.2**	24.2	14.6	16.3	−2.9	737.5	736.2	736.1	23	25	48	N 0	S 0	N 0	0	0	0	.	
																		Summa	
Mittel	17.9	25.6	19.1	20.9	—	739.1	738.2	738.3	61	38	63				2.7	1.9	1.4	163.5	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,^{m}/_{m}$.

Basel.

August 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.5	24.4	19.6	19.2	0.3	737.8	736.0	734.8	80	39	65	SE 0	SW 1	E 1	0	0	3	.	
2	16.2	18.7	17.3	17.4	−1.5	**732.8**	734.4	735.2	75	79	89	E 1	W 0	SE 0	10	10●	10	2.0	● 8–23 [22–24½, ⸙ 23
3	15.6	21.0	17.7	18.1	−0.7	735.0	733.4	732.9	89	56	77	E 0	SE 1	E 1	10	9●	2	3.0	● 1, 6–7, 13½–14, ⸜
4	14.3	16.3	15.2	15.3	−3.5	735.4	735.4	737.0	95	96	93	SE 0	S 0	SE 0	10	9●	9	13.5	● 0–3, 6–7½, 12½–19, ⌇°
5	14.8	17.6	16.9	16.4	−2.3	737.6	737.2	736.3	95	85	89	E 1	SW 2	SE 1	8	10●	1	1.3	● 0½–6, 11–14 [18–18½
6	16.7	21.3	13.6	17.2	−1.5	734.7	733.9	734.5	83	55	82	SW 1	W 2	W 2	10	7	10●	3.0	● 1–6, 14, 21–23, p ⸙
7	13.1	16.3	13.7	14.4	−4.2	736.6	738.5	740.4	86	64	89	SW 1	SW 1	S 0	10	10	0	0.1	● 0–1½, 5, ●° 8, 17
8	11.7	21.4	17.4	16.8	−1.8	741.9	741.2	741.6	93	47	74	SE 1	NE 1	SE 1	0	5	0	.	
9	14.0	15.8	15.6	15.1	−3.4	741.2	740.5	743.0	89	91	73	E 1	W 1	SW 1	10	10●	10	1.6	≡° I, ● 12–15
10	14.6	18.3	14.2	15.7	−2.8	743.3	743.2	744.3	84	57	80	NE 0	NW 2	E 1	5	6	0	0.1	●° 19–19½
11	9.2	19.9	16.6	15.2	−3.2	743.5	742.2	741.8	97	61	80	E 0	NW 1	E 0	10≡	4	0	.	≡ n–8
12	13.5	22.9	18.2	18.2	−0.1	742.0	741.3	741.9	86	53	75	SE 0	W 1	S 0	3	7	1	.	
13	14.8	20.2	18.6	17.9	−0.4	742.6	742.4	742.9	87	68	70	E 1	NE 1	E 0	6	4	0	0.1	●° 13, 14½
14	13.8	22.2	17.9	18.0	−0.2	742.8	741.3	740.3	84	47	66	E 1	N 1	E 0	0	1	0	.	
15	14.0	25.9	19.8	19.9	1.8	740.4	739.6	739.5	79	40	61	SE 1	W 1	SE 1	2	0	0	.	
16	15.7	28.4	21.5	21.9	3.8	740.1	738.6	737.8	75	35	74	SE 1	SW 1	E 2	2	3	4	.	Ψ III
17	18.0	25.4	20.8	21.4	3.4	738.6	739.8	741.1	77	50	52	E 1	W 3	SW 1	5	8	2	.	⸙ II
18	17.4	25.4	20.6	21.1	3.2	741.3	740.0	740.5	74	35	67	SW 1	W 2	W 1	2	4	8	.	
19	16.8	21.0	17.0	18.3	0.5	741.6	742.1	742.9	75	46	63	SW 1	W 3	W 1	7	6	2	.	⸙ II
20	13.1	23.2	19.4	18.6	0.9	743.6	743.3	744.1	82	55	74	E 1	W 1	S 0	5	5	0	.	
21	15.6	27.2	22.0	21.6	4.0	**745.2**	744.3	744.0	83	46	69	NE 1	E 1	E 1	1	0	0	.	
22	18.6	30.6	23.6	24.3	6.8	744.1	741.8	740.0	78	41	70	SE 1	S 1	SE 1	1	5	0	.	
23	20.6	**31.8**	23.8	25.4	7.0	740.4	738.2	737.4	78	**30**	59	SE 1	W 1	SE 1	2	3	2	.	
24	19.0	20.8	17.4	19.1	1.7	737.7	738.2	737.8	73	78	96	SE 1	SW 0	S 1	5	10●	10●	**15.4**	● 13–n, ⌇ III
25	16.4	21.4	18.2	18.7	1.4	739.1	738.2	736.6	96	61	78	S 0	S 1	E 1	10	5	2	.	● n–2, 4–6
26	17.6	22.2	17.4	19.1	1.9	736.3	736.7	737.7	69	43	67	SW 1	W 2	SW 1	5	5	9	.	
27	15.8	21.2	16.3	17.8	0.7	739.1	738.8	738.9	69	38	67	E 1	W 2	E 0	4	4	0	.	
28	13.6	23.2	18.6	18.5	1.5	738.2	736.3	737.5	78	37	54	E 1	W 1	SW 1	4	5	3	.	
29	15.8	18.6	14.2	16.2	−0.7	738.9	739.3	740.3	75	52	82	W 1	NW 1	SW 1	6	5	3	12.0	● 15½–17
30	10.4	15.0	11.4	12.3	−4.4	741.9	742.7	742.3	87	47	74	NW 1	NW 1	E 1	4	7	0	.	● 1½–6
31	**7.2**	19.4	15.4	14.0	−2.6	740.1	737.1	735.1	94	46	75	SE 1	W 1	SE 1	3	6	0	.	≡ n–6½, ≡° I
																		Summa	
Mittel	14.9	21.8	17.7	18.1	—	739.8	739.2	739.4	83	54	74				5.2	5.6	2.9	52.1	

August 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$Hb = 2500.1^m$, $G = -0.16\,m/m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.8	8.2	6.4	6.1	0.6	565.1	566.1	565.8	90	80	71	WSW 3	SW 2	WSW 3	1	2	3	.	✳
2	9.8	7.8	4.6	7.4	2.0	564.4	564.7	564.0	68	85	98	SW 3	SE 1	SW 1	7	9	10≡	30.2	●² 12–17½, n, ≡ 15–n ✳
3	1.8	3.4	3.3	2.8	−2.6	562.9	563.0	563.1	95	90	87	SSW 1	WSW 0	S 0	10●	8	3	24.9	●²n-8, ✳²-9½, ● 10-11, ✳
4	1.6	2.4	1.4	1.8	−3.6	562.5	562.7	564.0	98	97	100	WSW 1	WSW 0	WSW 2	10≡	10≡	10≡	12.0	≡, ● 11-15, ✳-15½ [⌒ 20 ✳
5	1.4	2.8	3.3	2.5	−2.9	564.3	564.6	564.4	100	98	100	WSW 3	WSW 2	W 2	10≡	9	10≡	1.8	≡ n-12½, 15-n, ● 16-17 ✳
6	3.4	5.1	1.2	3.2	−2.2	563.3	562.8	561.3	100	98	100	WSW 3	WSW 2	SW 3	9	10≡	10≡●	68.1	≡, ●² 16-n, △ 18, n ✳² ✳
7	−2.4	−1.2	−0.4	−1.3	−6.7	561.1	563.1	565.7	100	100	100	WSW 1	WSW 1	NNW 1	10≡✳	1,≡✳△	10≡	12.5	✳ n-20, ≡² V, △ 12-18
8	−0.6	2.8	1.8	1.3	−4.0	566.7	567.8	568.7	98	98	95	WSW 1	W 0	W 1	4	10≡	1	.	≡ n-7½, 12½-16 ✳
9	1.7	2.5	−0.1	1.4	−3.9	567.5	566.7	567.2	98	100	100	WSW 3	WSW 4	NW 2	9	10≡	10≡	49.8	≡, ⸙ II, ●² 14-18, n ✳²
10	−2.1	−0.5	−1.0	−1.2	−6.5	566.5	567.2	568.5	100	100	100	WNW 1	W 1	NNW 1	10≡	10≡	10≡	0.8	⌒ 4, a V, ≡, ✳° 11-17 ✳
11	−0.3	4.7	3.1	2.5	−2.7	567.7	568.7	569.1	88	95	85	NE 3	ENE 1	SE 0	1	7	0	.	≡ 15–18
12	5.9	9.3	4.0	6.4	1.2	568.7	569.9	569.7	71	91	80	SW 0	ESE 0	SSW 3	1	9	3	0.3	n (¹²/₁₃) ●
13	3.3	3.8	1.8	3.0	−2.1	568.7	568.6	569.2	100	100	100	WSW 3	W 2	W 1	10≡	10≡	10≡	26.7	≡, ●² 14-19, △² 15½-16½,
14	1.9	5.7	4.1	3.9	−1.2	568.1	568.7	568.4	92	94	85	NE 0	WNW 0	WSW 1	4	9	0	.	≡ 10½-11½, 14-15 [⌒ 16
15	4.3	6.3	6.1	5.6	0.6	567.7	568.8	569.6	92	88	85	WSW 4	WSW 4	WSW 3	7	10	1	.	⸙ n–II, ≡ 18–19
16	6.6	11.5	7.9	8.7	3.7	569.2	570.0	569.7	85	72	77	WSW 3	WSW 2	WSW 4	1	2	3	.	⸙ III–n
17	8.4	7.1	6.4	7.3	2.4	568.9	568.7	569.1	65	98	100	WSW 4	WSW 4	W 4	9	10≡	10≡	1.2	● 8–9½, ⸙, ≡ 13–n
18	5.2	6.7	5.2	5.7	0.8	568.2	568.5	568.7	98	98	100	WSW 5	SW 4	SW 1	10≡	10≡	10≡	1.6	≡ n-9½, 13-n, a ⸙, ●, p ⸙
19	3.2	3.3	1.1	2.5	−2.3	567.5	567.8	568.6	100	100	100	WSW 4	WSW 5	WSW 3	10≡	10≡	10≡	0.4	⸙ ≡ ●°, ⸙ II
20	1.8	8.1	7.4	5.8	1.1	569.1	571.1	572.6	98	72	85	WSW 3	SW 3	WNW 2	1	1	1	.	
21	10.9	13.4	10.4	11.6	6.9	573.6	575.0	575.2	70	75	64	W 1	SSW 1	WSW 3	1	1	0	.	
22	11.2	16.2	12.9	13.4	8.8	574.8	574.7	573.4	88	76	61	WSW 3	SW 1	SSW 1	1	5	1	.	
23	14.0	16.3	10.4	13.6	9.1	572.1	571.7	570.3	63	68	78	SSE 1	SSW 1	W 3	3	1	8	7.9	⌒ 19½–n, ● 21
24	9.3	11.3	5.6	8.7	4.2	568.7	568.2	567.0	79	82	90	WSW 3	SSW 1	WSW 4	7	9	7	27.5	●² 14-18½, ≡ 15-18, ⌒ *)
25	3.3	5.1	4.6	4.3	−0.1	566.0	566.5	566.0	98	95	94	WSW 3	WSW 3	WSW 3	8	10≡	4	11.2	● 6½–7, ≡ n-10, 13-14
26	3.8	5.4	2.6	3.9	−0.4	565.0	565.0	565.1	100	100	100	WSW 5	WSW 3	WNW 3	10●	10≡	10	8.2	● n-10, a ⸙, ≡
27	0.5	2.5	1.4	1.5	−2.7	564.6	565.4	565.9	100	100	98	WSW 3	WSW 3	SSW 3	10≡△	10≡	2	0.2	△° 7½–8, ≡ n-17
28	2.5	6.3	2.4	3.7	−0.5	565.2	565.5	565.3	80	77	100	SW 4	SW 4	W 3	2	1	10≡	4.6	⸙, ≡ 19-n, n ● ✳
29	0.5	0.6	−0.8	0.1	−4.0	564.5	565.2	564.8	100	98	100	WSW 3	WSW 3	NNW 2	10≡	10≡△	10≡	25.0	≡, △² 13½-20, n ✳²
30	−5.2	−3.9	−3.2	−4.1	−8.1	563.0	565.0	565.8	100	98	100	NNW 2	NW 1	NNW 0	10≡✳	10≡	10≡	1.7	✳ ⸸ n-12, ≡ V ✳
31	0.2	3.4	2.0	1.9	−2.0	564.3	564.3	563.5	60	57	79	WSW 4	WSW 4	WSW 4	1	6	3	.	⸙ ✳
																		Summe	
Mittel	3.5	5.7	3.7	4.3	—	566.8	567.3	567.4	89	90	91				6.4	7.7	6.1	316.6	*) 24. 18½–19, ⸙ III

August 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$Hb = 2102.9^m$, $G = -0.14\,m/m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.9	13.4	10.4	10.9	2.6	593.9	594.0	594.2	46	42	80	N 0	S 1	S 1	0	0	10≡	.	≡ III–n
2	9.5	9.1	8.0	8.9	0.6	593.1	592.7	592.1	87	93	82	S 1	SE 1	SE 1	10≡	10●≡	10●≡	71.4	≡, ●² 10–n
3	4.6	7.7	6.8	6.4	−1.9	591.4	591.0	591.0	79	74	86	SE 0	S 0	S 0	10●	10≡	10	27.5	●² n-11, ≡
4	4.6	8.9	3.6	5.7	−2.6	590.9	590.9	592.2	76	84	99	N 1	N 1–2	N 1–2	6	10	10●	13.8	● 8–12½, 20–n
5	5.0	8.6	6.5	6.7	−1.5	592.8	593.1	593.0	69	51	75	N 1–2	S 0	S 0	9	9	2	.	
6	6.5	12.3	5.8	8.2	0.0	591.8	591.0	589.3	70	61	92	S 0	S 1	N 2	5	6	10≡	7.2	≡ 15–n
7	0.1	2.8	2.0	1.6	−6.6	589.3	591.0	593.4	97	74	97	N 3	N 4	N 2	10✳	7	10	1.7	✳ n-9, ⸙ n-p, ≡ ✳
8	1.5	7.6	5.0	4.7	−3.5	594.3	595.7	596.7	91	43	95	N 2	N 0	N 1	5	1	1	.	
9	4.9	10.3	2.8	6.0	−2.1	596.1	595.4	595.4	68	37	96	N 1	N 1	N 2	9	10	10≡	3.7	≡ 16–n, n ●
10	1.3	2.7	1.2	1.7	−6.4	594.4	595.3	596.3	97	72	97	N 2–3	N 2	N 1	10≡	8	10≡	.	⸙ I, ≡ n-9, 16-n
11	4.1	9.7	6.2	6.7	−1.3	595.9	596.5	596.9	46	36	93	N 0–1	N 2	N 0	0	0	0	.	
12	7.3	12.3	8.0	9.2	1.2	597.0	597.4	598.0	40	30	96	N 1	N 1	N 2	1	3	10≡	.	≡ 17–n
13	6.2	6.8	5.3	6.1	−1.8	597.0	596.9	596.7	74	85	96	N 2	N 2	N 1–2	4	10	10≡	2.5	≡ 17–n, n ●
14	3.3	10.6	6.9	6.9	−1.0	596.3	596.6	597.1	96	25	89	N 0	N 0–1	E 0	0	2	8	.	
15	7.4	13.0	9.4	9.9	2.1	596.8	597.1	597.7	73	40	80	S 1	N 1	N 0	8	0	0	.	
16	10.3	16.5	10.6	12.5	4.7	597.6	597.8	598.3	56	42	88	N 0	N 0	S 0	0	1	10≡	.	≡ 17–n
17	11.1	16.0	9.7	12.3	4.6	597.4	597.4	598.0	56	48	96	S 0	S 0	N 1	2	3	10≡	.	≡ 17½–n
18	9.4	14.8	9.8	11.3	3.7	597.2	596.9	597.0	64	42	69	N 0–1	N 0	N 1–2	3	6	3	.	
19	6.8	9.9	5.4	7.4	−0.1	596.4	596.1	596.5	90	53	84	N 1	N 2–3	N 4	10≡	1	5	.	≡ n-9, p ⸙, ⸙ III
20	4.3	12.1	9.4	8.6	1.1	597.7	598.7	600.5	92	38	74	N 2	N 2–3	N 1	5	0	0	.	⸙ II
21	10.0	17.3	12.3	13.2	5.8	601.6	602.4	603.4	47	45	93	N 0	S 1	S 0	0	0	10≡	.	≡ 16½–n
22	11.5	16.8	11.7	13.3	6.0	602.8	602.6	601.8	78	53	95	S 0–1	S 0	S 1–2	0	3	10≡	.	≡ 17½–n
23	11.1	15.5	11.7	12.8	5.5	600.4	599.7	598.8	67	55	65	S 1	S 1–2	S 0	4	7	6	.	⌒ III
24	10.9	12.6	9.2	10.9	3.7	597.0	595.8	594.9	64	49	94	S 0	S 1–2	N 1–2	8	10	10●	10.8	● 15–n, ⌒ 20–n
25	6.7	11.2	8.0	8.6	1.5	594.6	594.3	594.2	80	43	80	N 1–2	N 0	N 0	9	5	6	.	
26	8.7	13.6	5.8	9.4	2.4	592.5	593.1	593.4	76	65	96	W 0	S 1	N 2	6	5	0	1.3	n (²⁸/₂₇) ●
27	3.3	7.6	4.7	5.2	−1.7	592.8	593.6	594.5	97	46	90	N 2–3	N 2	N 2	10≡	1	6	.	≡ I
28	6.2	11.5	7.4	8.4	1.5	594.0	593.7	593.7	72	51	97	S 1	S 2	S 0	0	3	10≡	.	≡ 18–n
29	4.3	5.8	1.9	4.0	−2.8	593.2	593.2	592.9	98	71	97	N 1–2	N 2	N 2	10≡	8	10●	13.6	≡ 5½–n, n ●
30	−1.8	−1.3	−1.7	−1.6	−8.3	590.5	593.0	593.2	94	94	90	N 2	N 3–4	N 4	10✳	10≡	0	.	✳ ⸸ n-I, ≡–16, p ⸙ ✳
31	−0.6	10.3	4.9	4.9	−1.7	592.8	592.3	592.1	33	21	38	N 1–2	N 2	N 0	0	0	0	.	✳
																		Summe	
Mittel	6.1	10.5	6.7	7.8	—	595.2	595.3	595.6	73	54	87				5.3	4.8	6.7	153.5	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

September 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.9	23.4	18.5	17.9	2.6	708.6	707.0	707.7	85	**30**	51	S 0	W 2	SW 1	3	3	10	5.2	⸙ II, ● 22–n
2	12.8	17.8	13.9	14.8	−0.4	709.4	710.0	711.7	100	69	94	SE 0	SE 1	SW 0	10	4	8	0.9	●° 8–9
3	11.3	19.5	12.8	14.5	−0.5	713.2	713.3	714.3	99	55	86	S 0	NW 1	NE 0	8	4	2	.	
4	9.5	22.5	17.8	16.6	1.7	714.2	712.6	712.1	98	45	73	SE 0	NW 1	SE 0	3	2	9	.	
5	13.7	**24.7**	15.2	17.9	3.1	712.2	712.8	714.0	86	44	100	S 0	W 1	N 0	8	7	10●	11.8	⌓ I, ● 21–n
6	14.3	16.7	14.3	15.1	0.4	713.0	714.6	714.8	100	87	100	S 0	SE 1	S 0	10●	8	3	10.4	● n–12½, ⌒ ● 15–16
7	12.4	20.5	16.9	16.6	2.1	714.1	712.7	709.9	99	67	94	SE 0	W 0	E 0	8	3	8	12.0	⌓ I, ⌒ III
8	14.1	17.9	15.1	15.7	1.3	709.8	708.9	709.8	99	68	91	SW 0	W 2	W 0	10●	7	10	20.1	●² n–10, 20–21, ⸙ II
9	11.2	12.8	11.9	12.0	−2.3	710.9	711.6	711.9	98	94	97	SW 0	SE 0	SW 0	10●	9	10	13.3	● n–12, 22½–n
10	13.1	22.3	13.3	16.2	2.1	708.9	706.9	708.4	94	44	99	SE 0	W 3	SW 0	7	6	10●	**49.0**	⸙ II, ⌒ 21, ●² 19½–n
11	11.7	16.0	12.4	13.4	−0.6	707.9	707.8	706.4	98	78	97	SW 0	SW 2	SW 0	10●	9●	9	14.5	● n–14, ⸙ II, ⌒ 15½
12	11.5	13.9	10.6	12.0	−1.8	707.8	707.7	710.3	95	95	99	W 2	SW 2	SW 1	10●	10●	10●	13.7	⸙ n–II, ●, n ●
13	10.3	15.6	9.3	11.7	−2.0	713.5	714.7	717.1	89	40	98	W 0	W 1	W 0	4	5	9	.	
14	6.2	16.7	10.3	11.1	−2.4	717.3	716.6	716.6	98	52	98	S 0	E 0	SW 0	4	6	1	.	⌓ I
15	8.6	20.6	12.6	13.9	0.5	716.7	715.4	714.3	96	48	98	SE 0	N 0	SE 0	1	1	1	.	⌓ I
16	10.5	22.4	15.0	16.0	2.8	714.4	713.0	712.5	96	54	99	S 0	W 0	S 0	1	1	3	.	⌓ I
17	12.1	22.2	16.3	16.9	3.8	712.6	713.4	713.5	95	66	94	S 0	E 0	SE 0	5	8	8	.	⌓ I
18	14.5	20.2	15.7	16.8	3.9	712.2	713.1	713.8	96	72	98	N 0	NW 0	E 0	9	8	7	0.7	●° 18–20½
19	15.1	23.5	17.1	18.1	5.8	713.9	713.6	714.3	98	74	99	SE 0	N 1	S 0	10	7	7	10.4	⌓ I, ● 17–18, 19½–20½
20	11.0	9.7	7.9	9.5	−3.1	715.3	**719.1**	718.1	98	97	98	N 0	NE 0	NE 1	10●	10●	10	17.2	● n–17½
21	8.7	15.8	9.2	11.2	−1.3	716.3	716.1	714.6	99	49	95	E 0	W 1	S 0	9	2	1	.	⌓ I
22	**5.8**	15.6	11.4	10.9	−1.4	710.7	708.1	705.0	98	83	98	S 0	NW 0	NE 0	6	9●	9	3.5	p ●
23	9.7	11.7	9.1	10.2	−1.9	701.8	**701.2**	703.6	99	97	97	SW 0	W 0	W 0	10●	10	10●	22.8	●² a–n
24	7.9	9.8	9.8	9.2	−2.8	705.1	708.1	712.4	96	94	97	NE 0	E 1	NE 0	10	10	10●	3.6	● 8–11½, 16½–n
25	9.6	14.5	10.6	11.6	−0.2	713.3	714.5	716.2	97	77	99	SE 0	S 0	SE 0	10	9	3	.	
26	8.6	17.9	12.5	13.0	1.4	716.8	715.4	714.7	98	69	99	E 0	NE 0	SW 0	10≡	1	2	.	≡² ⌓ I
27	12.3	17.2	12.8	14.1	2.6	713.1	712.5	713.4	99	70	95	SW 0	W 0	SW 0	10≡	7	10	.	≡ ⌓ I
28	11.4	15.3	11.5	12.7	1.4	711.5	711.1	712.6	100	58	85	SW 0	SW 1	W 0	6	9	10	.	⌓ I
29	9.6	17.0	12.5	13.0	1.9	711.9	710.2	708.6	100	65	99	S 0	W 1	S 0	4	6	1	1.4	●° 7, n ●
30	12.7	11.1	6.6	10.1	−0.8	707.2	708.8	712.5	90	99	95	NW 1	W 1	W 0	9●	10●	3	27.1	●² n–16½
																		Summe	
Mittel	11.1	17.5	12.8	13.8	—	711.8	711.7	712.2	96	68	94				7.5	6.4	6.8	237.6	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

September 1918.
Observatorium

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.7	**23.6**	18.2	18.5	1.2	716.0	714.1	715.1	80	**48**	63	NE 1	SW 2	W 2	8	5	10	.	≡° II
2	14.0	18.4	14.6	15.7	−1.5	716.9	717.7	718.9	80	62	62	E 1	SW 1	NW 1	10	7	0	.	●° n–8
3	12.6	20.0	14.3	15.6	−1.5	720.5	720.4	721.8	85	**48**	63	W 1	NW 2	NW 1	4	6	0	.	
4	10.2	22.8	19.1	17.4	0.4	721.7	720.1	719.3	86	49	51	NE 1	S 1	NW 0	2	5	8	.	≡° II
5	15.6	22.2	15.4	17.7	0.8	719.6	720.1	721.5	82	56	98	SW 1	NW 1	SW 1	9	10	10	9.9	● 14½–n
6	15.2	18.2	14.1	15.8	−1.0	720.6	721.8	722.2	98	90	93	W 0	SW 1	N 1	10	7	3	1.3	● n–12, 14–15 [⌒ ●²–n
7	12.3	20.0	17.7	16.7	0.1	721.6	720.3	717.8	99	69	74	NE 0	S 1	NW 1	10≡	5	10	21.0	● ≡ n–8, ≡°–II, ●° ⌒ 16–III,
8	14.4	20.0	15.7	16.7	0.2	717.0	716.3	717.3	94	68	80	NW 1	SW 2	W 2	10	6	10	15.6	⌒ ● 11½–12½, ● 16–n, n ⸙
9	10.9	13.0	13.6	12.5	−3.9	718.1	719.1	719.5	77	87	86	SW 2	SW 2	SW 2	10●	10	10●	4.9	● n–12, ⸙, ●° 18–n
10	16.2	20.2	13.7	16.7	0.5	716.4	714.9	715.5	70	56	92	SW 3	SW 3	W 2	8	9	10●	13.2	⸙ n–p, ⌒ 20½, ● 17–n
11	13.7	13.9	16.8	14.8	−1.3	715.4	717.3	713.7	71	93	66	SW 2	SW 3	SW 2	10	10●	10	9.6	●, ⸙ II
12	12.1	16.0	13.0	13.7	−2.3	715.4	714.9	717.4	90	72	70	SW 3	SW 2	SW 2	10●	9	8	1.5	● n–11, ⸙ I, ●° 18–III
13	11.3	16.9	11.5	13.2	−2.7	721.1	722.4	724.6	72	**48**	63	W 1	SW 2	NW 1	7	7	2	.	
14	7.2	17.5	11.0	11.9	−3.8	724.9	724.3	724.1	88	53	87	NE 1	S 1	NW 1	5	5	0	.	≡° I
15	8.6	20.1	13.4	14.0	−1.6	724.5	723.1	721.9	100	52	78	N 0	S 1	NW 1	8≡	3	4	.	≡ n–8
16	10.6	20.7	15.0	15.4	0.0	721.9	720.7	719.7	100	63	87	W 0	S 0	SW 0	6≡	0	0	.	≡ I
17	14.0	23.4	17.5	18.3	3.0	719.7	720.9	720.9	98	59	85	NE 0	SW 1	N 1	6	7	8	.	≡° I, ●° 8–10
18	15.3	19.9	15.1	16.8	1.7	719.4	720.8	721.4	97	80	99	NE 1	SE 1	N 1	10	7	10	4.6	●° I, ● 17½–20
19	14.8	20.2	19.6	18.2	3.2	721.2	721.1	721.4	99	81	71	E 1	SE 1	W 1	10≡	9	9	12.9	≡ I, ●° 11, III, ● 16–17
20	10.6	10.2	8.6	9.8	−5.0	722.8	**726.9**	725.8	87	95	94	N 2	NE 1	NE 1	10	10●	10	15.2	●² n–p
21	9.2	17.6	10.6	12.5	−2.2	723.8	723.6	722.4	79	63	78	W 1	SW 1	N 0	5	1	0	.	
22	7.5	14.2	11.0	10.9	−3.6	718.5	715.7	712.8	95	82	100	NE 1	SW 1	N 1	10	10	6	12.7	● 11–n
23	11.8	12.5	8.7	11.0	−3.3	709.6	**708.6**	710.9	98	95	98	N 0	SW 1	N 1	10●	10●	10●	**39.2**	●²
24	7.8	11.8	10.2	9.9	−4.3	712.6	716.0	719.8	95	81	97	N 1	NE 1	N 1	10●	10	10	3.0	● n–p
25	10.3	16.0	11.1	12.5	−1.5	721.0	722.0	723.7	93	72	90	NE 1	SW 1	N 1	10	9	2	.	
26	10.0	18.4	12.8	13.7	−0.2	724.4	723.2	722.3	100	65	95	N 1	S 1	N 1	9	3	0	.	
27	11.2	19.2	14.9	15.1	1.4	720.8	719.8	720.8	97	61	74	SE 0	SW 1	NW 1	3	5	9	.	≡° II, ⸙ 17–20
28	12.6	16.6	12.1	13.8	0.3	718.9	718.6	719.9	72	51	60	SW 1	SW 2	NW 2	8	9	3	.	●° 20
29	9.9	15.4	13.4	12.9	−0.5	719.3	717.9	715.8	89	75	87	W 1	SW 1	NW 1	8	8	2	4.8	●° 6–13
30	12.6	10.3	**7.0**	10.0	−3.2	714.4	716.4	720.1	95	85	81	W 1	W 2	NW 1	10●	10●	3	4.6	● n–14
																		Summe	
Mittel	11.9	17.7	13.6	14.4	—	719.3	719.3	719.6	89	69	81				8.2	7.1	5.9	174.0	

September 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$, $Hb = 456.3^m$, $G = 0.05 \, m/m$

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	10.0	18.7	15.9	14.9	−1.1	718.9	716.7	717.5	95	48	84	S 0	N 0	NW 0	0	3	10	4.0	n (1/2) ●
2	13.3	16.2	11.8	13.8	−2.1	719.5	720.4	721.4	97	70	97	NE 0	N 0	NW 0	10●	10	0	2.9	a ●
3	13.4	19.4	14.4	15.7	−0.1	722.9	723.3	724.6	92	50	85	E 0	NW 1	N 0	7	6	4	.	
4	11.6	19.3	14.8	15.2	−0.4	723.8	722.6	722.5	93	51	75	N 0	NW 0-1	SE 0-1	0	0	0	.	
5	16.9	22.9	17.0	18.9	3.4	721.7	722.4	722.6	57	45	93	E 0-1	N 0	NW 0	1	2	10	9.5	●° 20, ⊼ III, n ●
6	15.0	16.4	13.4	14.9	−0.5	723.1	725.2	725.3	100	82	100	NE 0	N 0	NW 0	10●	10●	5	8.2	● n-II
7	11.8	20.3	19.4	17.2	1.9	724.0	723.1	719.4	97	55	44	N 0	N 0	SE 3-4	2	4	0	2.1	⸗ 20-n
8	15.5	17.6	13.4	15.5	0.3	718.6	722.1	719.6	95	73	100	S 0-1	N 0-1	NW 0	10●	10●	10	8.9	● n-II
9	12.0	15.4	12.6	13.3	−1.7	720.3	722.0	722.2	98	75	98	N 0-1	N 0	NW 0	10●	9●	10●	2.2	●
10	12.6	21.8	16.8	17.1	2.2	718.5	716.2	716.9	92	48	77	N 0	N 0	NE 0	2	4	10	8.4	n (10/11) ●
11	13.5	16.4	14.3	14.7	−0.1	718.0	718.4	716.3	100	65	93	NW 0	NW 0	NW 0	10●	7	2	8.3	a ●
12	13.2	15.5	11.4	13.4	−1.3	717.7	717.1	719.4	98	69	100	NE 0-1	N 0	NW 0	10●	10●	10	7.8	● n-19
13	10.9	15.3	11.8	12.7	−1.8	723.1	724.5	727.0	100	50	97	SW 0	NW 1	NW 0	8	8	7	.	
14	8.0	16.2	12.1	12.1	−2.3	727.6	726.6	726.6	99	50	96	E 0	N 0	E 0	1	2	0	.	
15	7.4	18.3	12.3	12.7	−1.6	727.0	725.6	724.7	100	45	96	N 0	N 0	E 0	0	0	2	.	
16	9.7	20.5	13.6	14.6	0.4	724.0	722.7	722.4	97	44	84	NW 0	NW 0	NW 0	0	0	0	.	
17	12.9	21.4	13.9	16.1	2.1	722.1	724.4	723.8	93	50	85	N 0	N 0	N 0	3	5	2	.	
18	17.8	21.4	17.6	18.9	5.0	721.2	723.0	725.0	72	60	87	NW 0-1	N 0	N 0	7	8	8	.	
19	17.2	21.3	16.6	18.4	4.7	723.7	724.1	724.4	89	60	100	NE 0	N 0	NW 0	8	7	10	3.0	● 16
20	15.4	11.3	9.4	12.0	−1.6	723.5	730.1	728.4	82	80	100	NW 1-2	N 1	N 0	10●	10●	0	4.9	⸗ 7, ●-II
21	10.6	14.2	9.7	11.5	−1.9	726.3	726.7	725.3	85	62	97	NE 0	N 0	NW 0	10	3	0	.	
22	7.1	22.4	14.0	14.5	1.2	721.3	716.2	716.1	98	45	83	NE 0	SE 3-4	N 0	0	8	2	0.1	⸗ 9 1/2-p, ●° 16-17, n ⸗
23	13.3	13.4	10.2	12.3	−0.8	711.1	711.6	714.0	92	100	100	NE 0	NE 0	SW 0	10●	10●	10	48.4	●² 7-p, ⸗ 16 1/2, ⊼ 18
24	7.1	8.5	9.0	8.2	−4.8	715.4	719.5	722.7	98	97	100	E 0	S 2	SW 0	10●	10●	10●	18.8	● n-15, 20 1/2-n
25	9.0	14.3	10.2	11.2	−1.6	723.1	725.3	726.5	100	70	100	NW 0	NE 2	NE 0	10	6	0	.	
26	10.2	16.2	10.8	12.4	−0.3	726.8	725.7	724.9	100	70	98	NE 0	N 0	NE 0	7	1	0	.	≡° I
27	10.7	15.5	11.5	12.6	0.1	723.5	722.3	724.3	99	84	100	E 0	NW 0	NW 0	10≡	10	0	.	≡² I
28	12.5	16.0	12.8	13.8	1.4	721.6	721.6	722.1	90	61	89	NW 0	N 0	NW 0	10	6	10●	0.2	●° III
29	11.5	16.2	11.5	13.1	0.8	722.0	720.2	719.1	95	55	94	N 0	N 0	SE 0	8	5	2	.	
30	9.4	14.3	9.0	10.9	−1.2	716.2	717.6	722.3	99	80	62	NE 0	N 0	NW 0	4	10	10	9.1	● 14-21
Mittel	12.0	17.2	13.0	14.1	—	721.6	721.9	722.2	93	63	91				6.3	6.1	4.8	Summe 146.8	

September 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$, $Hb = 405.0^m$, $G = 0.02 \, m/m$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.4	25.4	17.8	17.5	0.9	723.6	722.2	723.3	80	26	71	SSW 0	SSW 1	W 1	0	1	10	5.2	● 19-20, n
2	14.6	18.5	13.4	15.8	−0.7	723.4	725.3	726.5	89	73	87	SSW 0	E 0	SE 0	9	9	0	1.9	● 8-10
3	12.6	22.2	14.8	16.5	0.1	728.0	728.0	728.6	92	43	68	SSW 0	W 1	SSE 0	5	1	0	.	
4	11.3	27.0	21.4	18.2	1.9	729.0	727.3	726.6	82	31	54	S 0	SSW 1	SSW 1	0	2	0	.	△² I [19-22, n
5	17.0	28.6	16.7	19.9	3.8	726.7	726.7	728.0	77	32	96	SE 0	SW 1	NNE 1	3	7	10●	13.9	△ I, ⊼ 15 1/2, 20, n, ● 17,
6	16.0	23.6	16.6	18.2	2.2	727.9	728.6	729.1	96	56	78	NW 0	SSW 1	SE 0	10●	2	0	0.6	●° 7 1/2-9, 16
7	14.5	20.0	18.0	16.2	0.3	728.6	727.1	725.6	88	71	80	SE 0	NNE 1	SW 1	9	9	10●	7.0	△ I, ⊼ 20-22 1/2, n, ●
8	16.2	22.4	17.6	18.5	2.7	725.8	724.3	725.3	86	49	66	SSW 1	SSW 1	SE 1	9	3	10	12.7	⊼ 12, ● 18-20, n [21-22 1/2, n
9	11.7	13.5	14.0	14.4	−1.2	725.7	727.1	727.2	94	83	89	SSE 0	SSE 0	SSW 1	10●	9	2	7.9	● 7 1/2-1, 19-20
10	16.2	23.8	21.0	19.1	3.6	725.1	722.8	722.4	67	43	54	W 0	SSW 2	SW 1	9	9	10	10.7	⸗, n ●
11	15.7	18.9	18.7	17.6	2.2	723.2	724.0	722.6	76	55	55	SE 1	SSW 2	SSW 2	9	9	10	7.8	⸗, ⊼ 19, n ● ⸗
12	12.4	16.1	13.2	15.7	0.5	723.8	723.3	726.2	90	89	80	SSW 1	SW 1	SW 1	10●	9	10●	11.7	● 7 1/2-8, 17-22, n
13	11.8	19.7	10.4	13.8	−1.3	729.2	730.1	731.8	74	38	73	SW 1	SE 0	SE 1	0	1	0	.	
14	6.8	15.8	12.4	11.4	−3.6	732.3	731.4	731.3	82	52	83	SSW 1	NNE 1	SW 1	0	0	1	.	△² I
15	8.8	18.7	13.9	13.4	−1.4	731.5	730.1	729.0	89	58	84	SSW 0	NNE 1	NE 0	0	0	0	.	△² I
16	10.6	23.0	17.3	16.6	1.9	729.2	727.6	726.7	90	53	81	SSW 0	SSE 1	NE 1	0	0	0	.	△² I
17	15.4	25.8	18.2	19.0	4.4	727.2	728.0	727.9	93	44	88	SW 0	SSW 1	NNE 1	9	2	3	.	
18	16.6	22.7	18.0	18.4	4.0	726.9	727.4	728.3	88	45	82	SSW 0	NNE 1	NNE 1	9	2	5	.	
19	16.6	24.4	20.6	19.9	5.6	728.8	728.2	727.9	96	63	76	NE 0	SSW 1	SSW 1	9	9	9	2.0	n (19/20) ●
20	1[illegible]2	10.8	12.0	13.6	−0.5	729.5	734.2	732.7	88	97	78	N 1	E 0	NNE 1	10●	10●	9	9.8	● 7 1/2-15
21	11.0	19.4	11.7	14.0	0.0	731.7	731.1	729.3	87	41	75	SW 0	SSW 1	SW 0	7	0	0	.	Ψ 22
22	9.0	13.3	13.2	11.3	−2.5	725.5	723.7	719.9	89	84	96	SSW 0	SW 1	NNW 1	9	10	9	22.8	● 9 1/2-17, ⊼-18, n ⊼ ●
23	12.4	11.8	9.2	11.0	−2.7	717.0	715.8	717.1	98	90	96	W 0	SSW 1	SSW 1	10●	10●	9●	52.8	⊼ 8, 9 1/2, ●² 7 1/2-22, n
24	8.0	12.6	12.0	10.8	−2.7	720.2	722.5	726.9	100	68	79	NNW 1	NNE 3	NE 1	10●	9	9	1.3	● 7 1/2-9, ⸗ 8-15
25	11.8	15.7	11.8	13.1	−0.3	728.1	729.0	730.7	86	63	91	NNE 0	NNE 1	SSW 0	9	3	0	.	△ III
26	9.4	16.7	13.8	13.2	0.0	731.5	730.5	729.7	97	72	92	SSE 0	NNE 1	SSW 1	3	0	0	.	△² I, III
27	11.2	21.0	13.6	14.9	1.9	728.0	727.3	728.0	96	54	85	S 0	SSE 1	SE 1	0	2	8	.	△² I
28	11.2	18.0	12.5	14.0	1.1	726.4	726.3	727.1	93	50	75	SW 0	W 1	SE 0	3	9	9	.	△² I
29	10.0	19.4	13.9	14.3	1.6	726.8	725.3	723.6	87	56	78	SW 0	SSW 1	SW 1	8	8	0	.	
30	14.5	11.1	6.9	11.9	−0.7	722.6	724.3	727.3	84	77	92	SSW 1	SW 1	SSE 1	10●	10●	0	11.8	● 7-16
Mittel	12.6	19.3	14.8	15.4	—	726.8	726.6	726.9	88	59	79				6.3	5.2	4.8	Summe 179.9	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\,^m/_m$.

Zürich.

September 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	12.2	23.4	17.0	17.5	1.5	715.5	713.8	714.6	82	40	67	E 0	W 2	NW 1	0	4	10	8.5	⸗, ● 22½–4
2	12.1	17.0	13.8	14.3	−1.6	716.6	717.3	718.3	94	68	90	S 1	SW 1	E 0	10●	8	8	2.6	● 7–11
3	12.4	19.0	12.3	14.6	−1.2	719.7	720.3	721.7	89	45	79	NW 0	NW 1	NE 0	6	8	1	.	
4	9.0	23.8	15.5	16.1	0.4	721.0	719.6	719.1	85	44	82	NW 0	W 0	NE 1	0	3	1	.	
5	14.6	**25.6**	15.8	18.7	3.1	718.7	719.6	720.1	85	46	86	E 0	W 1	NE 1	3	3	10	2.6	● 22–24½
6	15.4	19.8	14.0	16.4	0.9	720.0	721.2	722.1	95	71	92	SW 1	SW 1	E 1	10●	8	2	3.3	● 5½–12
7	11.2	22.8	17.0	17.0	1.6	721.2	719.5	716.6	98	61	85	E 0	NW 1	NE 0	3	4	2	2.6	●° 23–24
8	15.1	20.7	16.7	17.5	2.3	716.4	716.0	716.4	97	63	70	E 0	SW 1	SW 2	10	7	10	11.5	● 2–10, ⸜ ● 14–14½, ⸗
9	11.0	13.3	13.5	12.6	−2.5	717.7	718.3	718.6	80	68	78	W 2	SW 2	SW 1	10●	10	10	7.6	● ⸗ 1½–13 [20–n
10	13.0	23.2	14.6	16.9	1.9	715.8	713.9	715.4	88	42	94	SW 1	SW 2	NW 1	5	3	10●	**45.0**	●° 17–19, ●² 20–n
11	12.6	16.1	15.3	14.7	−0.2	714.8	714.1	713.5	85	71	71	SW 1	W 1	SW 1	10●	8	10	16.0	●² n–12½, ⌒ 17, ●°–19
12	12.4	15.3	10.5	12.7	−2.0	714.6	714.1	717.2	83	72	91	SW 2	SW 1	SW 2	10●	7	10●	7.8	●² 2–9, ●–14, 20–23
13	10.5	15.2	8.5	11.4	−3.2	720.0	721.4	723.9	72	59	92	W 1	SW 1	N 1	2	7	2	1.0	● 10–15, △° 13
14	7.3	19.4	11.2	12.6	−1.8	724.5	723.5	723.1	100	**39**	86	N 0	S 0	NE 0	3	1	1	0.1	≡ 7–7½
15	8.9	23.1	14.4	15.5	1.2	723.6	722.5	721.4	100	47	89	E 0	SE 1	N 0	0	1	1	.	
16	10.0	25.3	14.6	16.6	2.5	721.0	719.8	719.0	100	45	91	N 0	NW 0	SE 0	0	0	0	.	≡° I
17	12.4	22.0	16.2	16.9	2.9	719.1	721.0	720.4	93	63	89	SE 1	W 0	E 0	2	8	4	.	≡° I, ●° 10½, 14
18	15.2	22.0	17.0	18.1	4.3	718.5	720.2	720.6	95	61	93	NW 1	SW 0	NE 1	7	10	9	1.3	≡° I, ●° 7–14, ● 19½–21
19	17.7	21.5	17.7	19.0	5.4	720.2	720.4	721.7	78	69	83	SE 1	W 0	NW 1	9	9	9	7.0	● 6–10, 17½–18
20	11.2	9.0	7.2	9.1	−4.4	721.6	**726.0**	725.5	88	84	94	N 1	NE 1	NE 1	10●	10●	9	16.3	●² 5½–17, ⊍² III
21	9.0	16.6	8.5	11.4	−1.9	723.0	722.8	722.2	84	48	85	W 1	W 2	NE 1	8	2	0	0.1	⸗ 10½–p
22	**5.4**	17.3	12.7	11.8	−1.3	718.1	715.8	713.1	100	66	95	SW 1	S 1	NE 1	10≡	9●	7	0.7	≡ n–8, ●° 13½–16
23	11.4	12.7	9.0	11.0	−1.9	**708.7**	**708.7**	711.1	96	90	100	E 1	NE 0	E 0	10	10●	10●	3.9	≡° I, ● 9–10½, ●² 13–22
24	8.7	10.5	10.5	9.9	−2.8	712.2	715.9	719.2	100	91	100	NW 1	N 1	NW 0	10●	10●	10	5.9	● 0–n
25	10.3	14.4	10.0	11.6	−1.0	720.2	721.1	723.6	100	72	96	NW 1	NW 1	NE 0	10	10	0	0.2	≡° I
26	8.6	17.8	12.2	12.9	0.5	724.0	722.9	721.5	100	62	96	N 0	NW 1	NE 0	10≡	1	0	0.1	≡ 0–I, a ≡
27	12.0	17.5	12.6	14.0	1.8	720.2	719.4	720.4	99	67	91	E 0	W 1	NW 0	10	8	10	0.8	≡° I, ●° 19–n
28	11.1	15.7	11.4	12.7	0.7	718.5	718.1	719.6	90	63	77	S 1	NW 1	NW 1	3	10	9	.	
29	9.7	17.5	11.4	12.9	1.1	718.7	717.3	715.9	93	57	95	W 1	SW 1	NE 0	7	4	1	.	● 7
30	14.6	12.8	8.0	11.8	0.1	713.4	714.7	719.3	67	90	72	W 3	W 1	SW 1	7	10●	9	5.2	⸗ 3–a, ● 9½–18
Mittel	11.5	18.3	13.0	14.3	—	718.6	718.6	719.2	91	62	87				6.5	6.4	5.8	Summe 175.9	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\,^m/_m$.

Rigi-Kulm.

September 1918.
Beobachter: *Familie Schreiber.*

1	6.0	10.2	10.0	8.7	0.4	613.1	612.7	613.3	72	58	70	W 1	SW 1	W 1	0	0	5	13.6	
2	3.8	6.0	6.0	5.3	−2.9	613.1	613.9	615.1	96	81	96	W 0	W 1	W 1	10●	7	0	.	● n–I
3	5.8	4.8	5.6	5.4	−2.7	616.2	617.0	618.3	80	90	90	W 2	W 0	W 0	7	10	10	.	≡° II
4	8.2	12.3	10.4	10.3	2.3	617.7	617.9	618.4	40	38	48	W 0	S 0	SW 2	0	0	3	.	
5	12.8	12.0	11.8	12.2	4.3	617.3	618.4	619.5	86	64	68	W 1	W 1	W 0	3	3	3	15.2	⸜ ● 22
6	7.6	7.6	8.6	7.9	0.1	617.3	618.5	619.2	97	100	76	W 2	W 2	SW 2	10●≡	10	0	7.8	a ● —
7	10.0	13.8	12.6	12.1	4.3	618.5	618.2	616.5	61	36	45	W 0	SW 0	SE 2	0	0	5	0.9	n (⁷/₈) ●°
8	9.8	10.0	8.2	9.3	1.6	614.2	613.9	614.3	72	66	65	SW 0	W 1	W 3	10	10	3	39.0	⸗ III
9	7.0	3.4	3.0	4.5	−3.1	613.2	614.4	614.7	98	98	87	SW 2	W 3	W 1	10●≡	7	10	5.4	●² ≡ n–I, ⸗ II
10	9.0	12.4	8.8	10.1	2.6	614.2	613.0	613.5	44	43	85	SW 2	S 1	W 2	3	3	10●	**47.6**	●² III–n
11	4.6	6.6	6.6	5.9	−1.5	611.6	611.6	611.8	100	76	83	W 3	W 2	W 2	10●≡	7	7	14.7	⸗ I, a ● ≡
12	4.0	5.8	4.9	4.9	−2.4	611.6	611.1	612.4	100	100	72	W 3	W 2	W 2	10●	10	10	7.2	a ●, ⸗, ≡° II, ⸗ 16–17½
13	0.6	3.2	2.1	2.0	−5.2	614.7	616.8	618.6	98	90	82	NW 2	W 1	W 2	7	10	0	.	≡° II
14	1.8	8.3	8.0	6.0	−1.1	618.9	620.3	620.8	71	57	56	W 0	SW 0	SW 1	0	0	0	.	
15	8.6	13.4	10.2	10.7	3.7	620.2	620.2	619.7	38	40	61	W 0	SW 0	W 0	0	0	0	.	
16	12.7	16.2	14.2	14.4	7.5	619.2	618.7	620.2	32	28	36	SW 0	SW 0	SW 0	0	0	0	.	
17	16.6	**17.4**	13.8	15.9	9.1	618.2	619.6	620.4	**22**	58	60	W 1	W 1	SW 0	3	7	3	.	
18	16.1	14.2	12.1	14.1	7.5	618.7	619.2	**621.1**	36	61	72	S 1	W 0	W 2	5	5	10●	1.8	● III
19	12.4	16.4	12.1	13.6	7.1	619.4	619.4	620.0	66	56	77	SE 0	W 0	SW 1	7	5	7	5.4	n (¹⁹/₂₀) ●
20	5.2	1.0	2.4	2.9	−3.5	617.9	619.6	620.1	96	98	96	W 1	NW 1	W 1	10●≡	10●≡	10	27.3	●² ≡ n–II, ✳ 14–16, p ≡°
21	4.6	3.6	5.4	4.5	−1.8	617.6	618.1	618.1	54	53	50	W 2	W 2	NW 1	0	0	0	.	
22	9.8	11.1	13.0	11.3	5.1	615.3	614.2	610.1	30	56	65*	S 1	S 1	S 0	0	10	0	.	
23	13.0	3.8	2.4	6.4	0.4	**604.4**	605.2	606.9	55*	100	98	S 0	W 1	W 1	2	10●≡	10●≡	26.5	p ●² ≡, n ● ✳
24	0.6	1.0	2.6	1.4	−4.5	608.7	610.1	613.5	100	94	100	NE 2	NE 0	NE 0	10●*	10	10	12.3	a ● ✳ ≡, p ≡° ⊠
25	4.4	9.6	10.1	8.0	2.2	615.2	617.1	619.3	100	57	50	SE 2	W 1	SW 0	10	3	0	.	
26	12.2	14.6	12.2	13.0	7.3	619.2	620.1	619.4	50	38	44	SW 1	SW 0	S 0	3	0	0	.	
27	9.6	9.2	5.6	8.1	2.5	617.2	616.5	616.3	76	58	91	W 1	W 1	NW 0	0	5	5	.	
28	4.2	5.2	4.0	4.5	−0.9	614.6	614.6	614.7	97	97	98	W 0	W 0	W 2	10	10	10	.	≡°
29	2.4	9.8	6.8	6.3	1.0	614.4	614.6	614.0	93	58	90	W 1	S 0	W 0	5	0	0	.	
30	8.2	4.6	**−0.8**	4.0	−1.2	611.7	611.2	613.5	46	96	100	W 0	W 3	W 1	5	10●≡	10*≡	12.3	⸗ II, p ● ≡, ✳ 17–n ⊠
Mittel	7.7	8.9	7.8	8.1	—	615.4	615.9	616.5	70	68	74				5.0	5.4	4.7	Summe 228.0	

September 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$,
$H_b = 1712.6^m$, $G = -0.12^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.2	14.0	8.0	8.4	−0.8	619.4	618.3	619.5	90	45	85	S 1	W 3	— 0	0	3	2	1.2	⛈ II, n ●
2	8.2	11.8	6.0	8.7	−0.4	618.5	618.6	620.8	95	65	97	W 1	SW 4	— 0	10	9	2	0.3	⛈ II, ●° 16
3	4.6	15.3	8.0	9.3	0.3	621.9	621.2	623.2	95	39	76	W 0	SW 3	— 0	2	1	1	.	⛈ II
4	−0.6	16.1	8.1	7.9	−1.0	624.2	623.9	624.7	94	48	84	E 0	S 3	W 1	0	1	0	.	⛈ II
5	3.7	17.1	10.4	10.4	1.6	624.6	623.4	624.1	96	49	87	SE 0	S 2	— 0	1	7	6	.	
6	8.2	8.8	7.0	8.0	−0.7	622.8	623.8	624.9	95	86	94	NE 0	S 0	— 0	8	10●	3	15.5	● 9–15
7	3.8	15.3	10.6	9.9	1.4	625.1	623.9	623.8	96	48	73	N 0	S 3	W 2	1	10	5	6.1	⛈ II, n ●
8	7.6	10.0	4.2	7.3	−1.1	620.4	620.0	620.3	96	79	90	W 0	NW 1	— 0	10	10	0	10.6	● 8½–17, ◠ 17
9	4.6	8.2	7.0	6.6	−1.7	619.7	619.5	621.1	95	77	91	NW 0	SW 3	W 1	9	10	10●	2.4	⛈ II, ● 13–n, ◠ 16½, 17
10	5.4	12.8	9.7	9.3	1.1	621.3	620.2	619.1	95	58	75	W 0	SW 3	W 1	10	8	10●	9.0	⛈ II, ● III–n
11	9.4	11.3	9.2	10.0	1.9	616.9	617.4	618.0	91	86	84	S 2	S 2	W 4	10	10●	1	4.2	● n–II, ⛈ III–n
12	10.0	13.3	7.0	10.1	2.2	616.3	616.6	617.6	89	74	90	W 3	S 3	W 1	10	5	10●	5.5	⛈ n–II, ● 4, 8½–n
13	2.0	10.6	3.2	5.3	−2.5	620.3	621.5	624.2	88	40	71	N 1	W 2	W 1	2	5	3	.	
14	**−2.2**	13.2	4.6	5.2	−2.5	625.5	624.8	**626.7**	87	**36**	80	W 0	S 3	— 0	2	0	0	.	⛈ II
15	−0.8	18.2	6.6	8.0	0.4	**626.7**	625.3	626.0	93	38	78	S 0	S 1	— 0	0	0	0	.	
16	1.9	17.8	7.0	8.9	1.5	626.0	624.4	624.9	95	40	79	N 0	S 1	— 0	0	0	0	.	
17	2.0	**20.2**	8.0	10.1	2.8	625.8	624.6	626.1	94	37	80	SW 0	S 2	— 0	1	3	1	.	
18	4.4	18.4	12.6	11.8	4.6	626.5	625.7	625.7	95	45	74	E 0	W 3	S 2	2	3	5	.	⛈ II
19	7.4	19.8	12.5	13.2	6.2	626.5	625.2	625.9	94	44	65	SE 0	W 3	— 0	8	7	8	.	⛈ II
20	13.7	16.0	5.2	11.6	4.7	622.7	622.2	624.7	71	61	94	S 3	SW 2	N 3	7	9	9	0.8	⛈ I, III, ●° 12, p
21	3.4	15.0	2.5	7.0	0.3	622.9	622.7	624.4	98	45	64	N 1	SW 3	N 1	10	1	0	.	⛈ II
22	0.7	13.8	10.7	8.4	1.8	623.5	622.1	619.1	85	61	74	SE 1	S 2	S 3	2	9	7	0.4	●° 19, ⛈ III–n
23	13.0	7.2	9.1	9.8	3.4	613.9	613.8	**612.2**	54	94	70	SW 3	N 1	N 2	8	10●	10●	**51.6**	⛈ I, ⚹ ●² 10–14, ⛈ III,
24	5.8	9.1	7.3	7.4	1.1	613.7	616.8	619.9	97	88	95	N 1	NE 0	N 1	10●	10	10●	37.0	●² [●²–n
25	7.5	16.0	6.8	10.1	4.0	624.4	623.3	625.7	90	54	86	W 0	S 3	W 1	10●	8	0	1.6	⚹° ● n–I, ⛈ II
26	2.4	18.1	7.4	9.3	3.3	626.5	625.6	625.6	95	38	72	W 0	SW 2	NE 1	1	1	0	.	
27	4.0	12.0	7.8	7.9	2.1	623.4	622.0	621.3	92	70	91	W 0	S 3	W 1	2	10	10	.	⛈ II, ●° 15–15½
28	5.4	14.0	8.2	9.2	3.6	620.0	618.4	619.7	95	49	75	W 0	S 3	NW 3	10≡	5	10	.	≡ I, ⛈ II, III, ⚹ ●° 19½
29	1.5	13.6	8.3	7.8	2.3	620.6	620.0	620.1	96	41	80	E 0	SW 3	NW 2	10≡	2	2	1.4	≡ I, ⛈ II, n ●
30	8.2	11.0	0.9	6.7	1.4	618.7	616.9	618.0	89	56	96	W 0	S 2	N 2	9	10	10*	33.2	● 16½–III, ✳²–n
Mittel	4.9	13.9	7.5	8.8	—	622.0	621.4	622.2	91	56	82				5.5	5.9	4.5	Summe 180.8	

September 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$H_b = 540^m$, $G = 0.00^{m}/_{m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	10.8	21.6	15.9	16.1	−0.5	712.4	708.4	711.9	73	39	80	NE 0	SE 1	SW 0–1	0	0	10●	8.2	△ I, ⛈ 18–20, ●–n
2	13.6	14.3	12.5	13.5	−3.0	711.6	712.3	714.9	98	85	82	SE 0	SW 0	E 0	10●	10	0	9.8	● n–5½, 7–16
3	12.2	20.1	15.2	15.8	−0.6	714.9	713.8	716.4	89	52	62	NE 0	S 1	SW 0	2	0	0	.	
4	12.8	21.7	17.7	17.4	1.1	716.6	714.1	715.6	73	38	47	NE 0	SW 1–2	NE 0	0	0	0	.	△ I
5	14.3	**23.5**	18.8	18.9	2.8	716.2	713.8	715.5	63	42	62	NE 0–1	S 0–1	SW 0	10	0	10	0.8	△ I, ⚹ III
6	15.6	18.8	15.2	16.5	0.5	714.9	715.7	716.8	96	74	74	SE 0	SW 1	NE 0	10●	9	0	2.5	● 5½–I, ⚹ ● 13½–14,
7	13.0	22.1	17.5	17.5	1.6	716.5	710.1	712.7	87	33	60	E 0–1	E 0–1	NE 0–1	5	9	8	2.2	⚹ III [15–15½
8	15.3	20.4	15.8	17.2	1.5	711.7	710.5	713.1	94	50	65	S 0–1	SW 0–1	SW 0–1	10●	10	9	4.9	● n–10, 14½–15
9	13.4	14.6	13.0	13.7	−1.9	711.7	713.9	714.7	96	79	94	S 0	SW 1	E 0	10●	10	10	5.0	● n–9½
10	12.3	22.1	21.7	18.7	3.2	713.4	710.3	710.1	69	31	**29**	SE 0	E 0–1	SW 3–4	9	8	10	**24.0**	⛈ III, n ●²
11	13.5	16.1	14.3	14.6	−0.8	711.7	711.1	710.9	96	78	69	S 0	E 0–1	S 0–1	10●	10	4	7.2	a ●
12	14.6	17.4	11.8	14.6	−0.6	709.7	710.8	713.0	76	85	98	SW 3	S 0–1	NE 0	10●	10	5	3.8	⛈ I, ●–II
13	10.4	17.0	10.8	12.7	−2.4	716.4	716.6	719.1	76	42	63	NE 0	SW 1–2	E 0	1	0	0	.	
14	**7.9**	*19.0	12.7	13.2	−1.8	**721.2**	*718.5	720.1	83	40*	73	E 0	— 0	E 0–1	0	0*	0	.	
15	9.2	20.2	15.2	14.9	0.1	720.3	717.9	718.3	91	43	60	NE 0	S 0	E 0–1	0	0	0	.	
16	10.9	21.8	16.8	16.5	1.8	718.4	715.6	716.4	79	34	59	E 0	S 0	E 0	0	0	0	.	
17	14.5	21.8	17.2	17.8	3.3	718.2	716.6	717.3	64	46	81	E 0	SW 0–1	E 0	4	5	10	.	
18	18.8	22.6	18.2	19.9	5.5	715.2	714.7	717.8	59	52	84	NE 0–1	SW 0	NE 0–1	10	10	10●	0.2	●° 9, III
19	17.1	22.9	18.6	19.5	5.3	715.7	715.6	717.1	89	49	85	S 0–1	SE 0–1	E 0	9	7	10	1.1	●° 8, 9
20	16.8	11.8	10.6	13.1	−0.9	714.7	718.2	720.6	85	94	96	NE 0–1	SW 1–2	SW 0	10●	10●	10	13.9	● n–p
21	10.9	17.1	11.8	13.3	−0.6	718.3	718.2	718.2	91	54	75	W 0	SW 1	NE 0–1	10	2	0	.	
22	9.4	16.4	12.6	12.8	−0.9	715.6	712.3	709.1	83	68	88	NE 0–1	SE 0–1	E 0	10	10	10	1.9	△ I, ● 12, 14
23	13.0	15.4	10.4	12.9	−0.7	703.4	**702.9**	705.1	81	85	90	SW 1–2	NE 2	SW 0	10●	8	10●	13.3	●
24	9.2	12.2	10.4	10.6	−2.8	706.6	710.0	713.7	96	80	94	SW 0–1	SW 1–2	SW 0	10●	10●	10	2.2	● n–II
25	8.5	14.9	12.5	12.0	−1.3	716.3	715.7	719.0	99	67	86	SW 0–1	SW 1–2	NE 0	10	9	0	.	
26	9.8	19.4	14.4	14.5	1.4	718.6	716.5	717.9	99	57	85	E 0	SW 1	E 0	0	1	0	.	△ I
27	10.8	18.6	13.0	14.1	1.1	715.8	714.1	715.8	99	61	71	SW 0	SW 0–1	NE 0	3	9	0	.	△² I
28	10.4	17.2	12.4	13.3	0.5	714.1	713.4	714.9	97	56	72	NE 0	SW 1	SW 0	10	7	4	.	△ I, p ≡°
29	9.3	16.2	12.6	12.7	0.0	714.3	713.0	713.2	95	61	77	NE 0	SW 1–2	E 0	7	8	0	.	△ I
30	9.8	12.8	8.4	10.3	−2.2	710.8	711.0	713.7	97	100	81	S 0	SW 0	SW 0	7	10●	10	7.3	△ I, ● 11–p
Mittel	12.3	18.3	14.3	15.0	—	714.5	713.5	715.1	86	59	75				6.6	6.1	5.0	Summe 108.3	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03^{m/m}$.

Lugano.

September 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	13.0	24.4	16.8	18.1	−1.0	736.0	735.4	735.1	63	36	65	N 0	SE 0	NW 0	0	0	6	1.4	
2	15.8	21.2	16.2	17.7	−1.3	734.7	734.5	736.1	86	53	80	NW 0	S 0	N 0	10	4	0	.	● n-l, a ●°
3	14.8	23.6	16.6	18.3	−0.6	737.5	737.3	738.4	71	40	73	N 0	S 0	N 0	0	0	0	.	
4	16.8	24.8	17.8	19.8	1.0	740.5	740.6	740.2	66	44	70	NW 0	S 0	N 0	2	0	0	.	
5	17.6	25.2	18.4	20.4	1.7	740.3	739.6	739.1	71	41	79	N 0	S 0	N 0	0	2	0	.	
6	17.4	19.6	15.8	17.6	−1.0	738.4	738.4	739.0	84	83	80	NW 0	SW 0	N 0	10	10	0	22.5	●² 8–11½
7	14.2	24.4	17.2	18.6	0.1	740.0	740.0	739.1	62	36	75	N 0	S 0	N 0	0	0	0	19.4	n (7/8) ⌐ ●²
8	16.4	18.2	14.2	16.3	−2.0	735.9	735.0	735.4	88	85	86	NW 0	NW 0	N 0	10	10	0	9.0	● a-14
9	14.6	20.0	16.8	17.1	−1.1	734.3	735.0	735.6	85	62	83	N 0	S 0	N 0	10	8	0	13.5	● 9–11
10	15.0	21.0	19.0	18.3	0.2	737.0	736.6	734.0	74	55	88	N 0	S 0	NW 0	4	10	10●	5.5	● 21½–22½
11	17.4	23.8	17.4	19.5	1.6	732.4	732.3	733.0	84	55	78	NW 0	S 0	N 0	10	6	0	0.5	n (11/12) ●
12	18.2	23.6	16.4	19.4	1.6	731.3	730.9	731.2	85	44	90	NW 0	S 0	N 0	10	6	4	5.6	● 17–18½
13	17.8	24.8	17.6	20.1	2.4	734.4	735.6	739.3	23	**15**	17	NE 1	NE 2	N 0	0	0	0	.	⸗ 4½–6½, 10½–18½
14	12.0	23.2	13.8	16.3	−1.3	**743.6**	743.2	743.4	57	32	75	N 0	S 0	N 0	0	0	0	.	
15	**10.6**	23.8	15.2	16.5	−0.9	**743.6**	742.1	742.3	81	35	73	N 0	S 0	N 0	0	0	0	.	
16	13.4	25.4	16.2	18.3	1.0	741.7	740.5	741.1	80	37	80	N 0	S 0	N 0	0	0	0	.	
17	14.6	24.6	17.0	18.7	1.6	741.2	740.8	741.2	80	38	82	N 0	S 0	N 0	0	2	0	.	
18	17.4	23.8	17.6	19.6	2.6	742.3	740.9	741.7	75	42	80	NW 0	S 0	NW 0	2	10	8	.	
19	16.2	25.4	18.6	20.1	3.3	741.5	740.7	741.1	80	40	82	NW 0	S 0	N 0	0	0	2	.	
20	18.2	22.0	18.2	19.5	2.9	739.3	738.1	737.7	86	56	35	NW 0	S 0	NE 1	10	10	0	.	
21	15.6	25.4	16.8	19.3	2.8	737.9	737.3	739.1	70	43	82	N 0	S 0	N 0	4	0	0	.	
22	17.2	20.2	16.6	18.0	1.7	740.1	738.5	735.2	80	54	80	N 0	SW 0	SW 0	10	8	10	1.0	●° 11½, 18
23	20.2	20.4	20.2	20.3	4.2	728.9	727.3	**724.9**	55	54	65	SSW 1	SSW 1	SSW 2	10	9	10	10.5	● 5½-a, n, p ●°, ⸗ 18½-III
24	14.6	18.6	16.2	16.5	0.5	727.5	730.6	734.0	93	71	90	NW 0	S 0	NW 0	10●	10	10●	43.0	●, n ●²
25	14.2	21.6	15.0	16.9	1.1	739.6	739.2	740.1	90	50	86	NW 0	S 0	N 0	10●	6	0	.	
26	13.8	**26.0**	18.0	19.3	3.7	741.3	740.9	740.6	81	34	86	N 0	S 0	N 0	0	0	0	.	
27	14.8	21.8	15.4	17.3	1.9	739.5	737.4	736.4	87	55	86	N 0	S 0	N 0	8	4	0	7.0	a ●
28	14.6	23.4	15.6	17.9	2.7	734.8	733.5	734.3	77	40	83	N 0	S 0	N 0	6	0	0	.	
29	12.4	21.2	17.4	17.0	2.0	736.3	736.5	736.1	79	87	90	N 0	S 0	NW 0	0	0	8	10.5	n (29/30) ●
30	15.2	19.0	18.2	17.5	2.7	735.4	733.5	733.3	89	59	96	NW 0	SW 0	NW 0	10	10	10●	**68.0**	a ●°, p ●, n ●²
																		Summe	
Mittel	15.5	22.7	16.9	18.3	—	737.6	737.1	737.3	76	49	77				4.9	4.2	2.6	217.4	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13^{m/m}$.

Basel.

September 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	11.8	21.6	17.6	17.0	0.5	733.1	731.7	733.3	86	49	63	SE 1	NW 1	W 2	8	7	10	6.5	● III–n
2	13.0	18.0	15.1	15.4	−1.0	734.9	735.2	736.5	93	64	76	SW 1	W 1	S 1	8	6	2	.	● n–3
3	11.2	19.0	13.8	14.7	−1.6	738.2	739.1	740.1	83	**40**	74	SE 1	NW 1	E 0	3	7	0	.	
4	11.1	22.6	18.2	17.3	1.1	739.2	737.2	736.7	76	43	66	SE 1	W 0	SE 1	4	4	8	.	
5	15.0	17.2	16.2	16.1	0.1	737.4	739.5	737.9	76	88	94	E 1	SW 1	E 1	9	10	10●	8.0	● 12–17, 20–23
6	15.4	20.4	15.7	17.2	1.3	738.1	739.4	740.1	98	71	92	E 1	W 1	SE 1	10●	8	6	2.0	● 4–10½
7	14.1	23.8	19.0	19.0	3.2	738.8	736.7	734.5	91	50	81	E 1	E 1	S 0	7	5	10	13.1	● 22½–n
8	15.2	20.8	15.6	17.2	1.5	734.3	733.2	734.4	98	68	91	E 1	S 1	E 1	10●	7	10	9.0	● n–5, 7–8, 18–20, ⌐ ⸗
9	12.2	17.8	14.2	14.7	−0.9	735.8	736.1	736.6	86	56	89	S 1	W 1	NE 1	10●	7	10	1.4	● 2–9, 18–20 [⌒ 18
10	19.4	23.6	14.8	19.3	3.9	732.9	731.0	733.1	52	**40**	89	SW 1	SW 3	SW 2	10	8	10●	18.5	⸗ II, ● 15–1
11	13.4	15.0	13.9	14.1	−1.2	732.8	732.7	730.8	89	85	94	SW 1	W 2	E 1	10●	10●	10●	12.0	● 7–7½, 11–17, 19½–21½
12	14.4	19.0	12.6	15.3	0.1	732.4	731.9	735.2	76	48	81	W 1	W 2	NW 1	10	5	2	2.2	● 0–5½, 17½–20
13	12.4	16.4	11.8	13.5	−1.5	739.0	740.2	742.4	72	50	67	W 1	W 2	S 1	2	3	0	.	
14	7.8	18.0	13.2	13.0	−1.9	743.0	741.7	741.5	89	47	80	E 1	W 1	SE 1	2	4	1	.	
15	9.2	21.0	15.2	15.1	0.3	741.9	740.4	739.0	89	48	81	SE 1	NE 1	SE 1	1	2	1	.	
16	12.0	**24.4**	19.2	18.5	3.9	738.7	736.7	736.0	86	55	68	SE 1	SE 1	E 1	2	1	0	.	
17	15.8	23.0	20.0	19.6	5.1	736.2	738.5	737.9	87	59	72	SE 1	N 1	SE 0	6	7	2	.	
18	17.6	22.6	18.4	19.5	5.2	737.6	737.8	738.2	84	53	92	SE 0	NE 1	SE 1	10	8	7	4.5	● 8–9, 18½–20
19	17.6	23.2	17.4	19.4	5.2	738.1	738.0	740.5	88	73	84	SE 1	SE 1	NW 1	10●	7	10	16.6	●° 9–12, 17, ● 20–22
20	11.3	9.2	8.6	9.7	−4.3	741.8	**745.9**	744.5	95	92	92	N 1	W 0	SE 0	10●	10●	0	11.5	● 2½–15
21	8.1	16.7	10.7	11.8	−2.1	742.1	741.5	740.5	92	47	84	SE 1	W 2	SE 1	2	1	0	.	
22	10.4	13.9	13.7	12.7	−1.0	734.9	732.6	729.9	77	74	93	E 2	SE 2	SE 2	5	10	10	5.5	● 11–21, ⌞ III
23	12.5	11.9	10.1	11.5	−2.0	727.5	**727.1**	729.6	98	87	97	NW 0	W 1	S 0	10●	10●	10●	**20.0**	● 2–2½, 7–n
24	9.7	11.8	11.5	11.0	−2.4	731.7	734.7	738.2	98	89	94	W 0	NW 1	W 0	10●	10	10	3.0	● n–11, 17–17½
25	10.9	16.9	12.1	13.3	0.1	738.9	739.7	742.0	96	65	90	SE 1	SW 1	E 0	9	5	0	.	
26	8.3	16.6	13.2	12.7	−0.3	742.8	741.2	740.1	99	71	95	SE 0	NW 1	SE 1	10≡	3	0	.	≡ n–8½
27	12.0	17.4	13.2	14.2	1.3	739.0	738.2	739.2	95	65	88	NE 0	W 1	SW 1	9	5	10●	0.1	●° 20½–21½
28	11.3	14.4	12.5	12.7	0.0	737.1	736.9	738.3	94	68	76	SE 0	NW 1	SW 1	5	10	7	0.2	
29	9.2	15.4	13.2	12.6	0.1	736.9	735.2	733.2	89	75	93	E 0	E 1	SE 1	10●	9	1	0.1	●° 6½–7½, 14
30	16.2	11.0	**7.4**	11.5	−0.8	731.0	734.7	738.1	70	76	89	S 1	SW 2	S 1	10	10●	2	0.7	●° 6½–9, 11½–12, 16
																		Summe	
Mittel	12.6	18.1	14.3	15.0	—	736.9	736.8	737.3	87	63	84				7.4	6.6	5.3	134.9	

September 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	1.7	5.8	3.7	3.7	−0.1	561.6	561.9	562.4	95	82	88	WSW 4	WSW 3	W 3	0	7	7	5.7	a ⸗, ≡ 10, 15–18, n ●
2	0.3	1.3	0.7	0.8	−3.0	561.4	562.3	563.4	100	100	100	WSW 3	SW 4	WSW 4	10≡*	10≡	10≡	4.8	✳ △ 7–9, ✳ 11–12½, ≡,
3	0.0	2.7	1.6	1.4	−2.3	564.2	565.2	566.3	100	100	100	WSW 3	WSW 3	WSW 3	10≡	10≡	10≡	.	≡ [p ⸗
4	3.5	9.0	5.7	6.1	2.5	566.3	567.2	567.6	80	80	61	WSW 4	SSW 2	WSW 4	1	5	1	.	⸗ a, III
5	6.9	8.8	6.0	7.2	3.7	566.9	567.5	567.3	74	80	97	WSW 3	WSW 2	WSW 2	5	4	10≡●	20.5	≡ 16–n, ● ∠ III–n
6	3.3	3.4	2.6	3.1	−0.3	565.7	566.5	567.9	100	100	98	WSW 3	WSW 4	WSW 2	10≡●	10≡●	10≡	25.2	●² ⸗ n–15, ≡ n–17, 21–n
7	3.9	9.9	6.4	6.7	3.4	567.4	567.5	565.9	83	70	77	SW 2	S 0	SSW 2	4	8	3	3.5	[n–12½, 16–n, ⸗ I, II, III–n
8	3.4	1.8	2.2	2.5	−0.7	563.6	562.6	562.9	96	98	100	WSW 4	WSW 4	W 4	10≡●	9	10≡	26.8	● n–12½, 16½–17, ≡
9	−1.5	−0.2	0.3	−0.5	−3.6	560.9	562.2	563.4	100	100	100	WSW 4	WSW 4	WSW 3	10≡*	10≡	10≡	6.3	✢ ✳² △² n–12, ⋁ *) ⊠
10	1.8	8.2	3.8	4.6	1.6	563.0	562.7	562.0	94	85	100	SW 5	SW 2	SW 2	9	6	10≡	50.8	⸗ n–I, ≡ 21–n, n ●² ✳
11	−0.2	1.9	1.8	1.2	−1.7	559.5	559.9	560.4	100	98	96	WSW 4	WSW 5	WSW 4	10≡*	5	6	26.9	✳² ✢ ⋁ n–10, ≡ *) ⊠
12	−1.2	1.3	−0.5	−0.1	−2.9	559.1	559.9	560.9	100	100	100	WSW 5	WSW 4	WSW 4	10≡*	10≡●	10≡△	41.0	⋁ ⸗ I, ✳ ✢ n–10, *) ⊠
13	−3.8	−2.3	−2.6	−2.9	−5.6	561.8	564.0	566.0	100	99	100	WSW 4	SW 2	WSW 1	10≡*	10≡	10≡	4.2	✳ ⸗ n–10, △ 11, ≡ ⋁ ⊠
14	−3.7	1.8	3.4	0.5	−2.1	566.5	567.6	568.5	90	75	72	SW 1	SW 2	WSW 4	3	1	1	.	p ⸗ ⊠
15	4.3	9.0	6.8	6.7	4.2	568.7	569.5	569.0	58	55	74	WSW 3	SW 1	SW 1	1	2	3	.	
16	7.3	11.3	8.3	9.0	6.6	568.3	568.6	568.7	70	58	66	SW 1	SSW 1	SSW 1	1	1	0	.	
17	11.2	8.6	9.8	9.9	7.6	568.4	569.3	**569.7**	53	77	72	WSW 3	W 3	WSW 2	4	7	3	.	
18	11.4	**13.0**	8.4	10.9	8.7	568.7	569.1	569.6	67	70	83	SW 1	SSE 1	WSW 3	7	7	8	1.1	n (18/19) ●
19	7.0	8.9	8.6	8.2	6.2	568.9	569.1	569.3	85	85	81	SW 3	SW 2	SW 4	8	9	9	2.0	●° ≡ 9–12, ⸗ ● 18–19, ⸗ III
20	5.1	1.4	−0.7	1.9	0.0	566.1	566.8	567.3	98	100	100	WSW 3	WSW 2	SW 2	10≡●	10≡	10≡	8.1	● n–10, ≡ 7–n, △ ✳ *)
21	0.5	2.0	2.0	1.5	−0.3	565.2	565.8	566.5	70	55	60	SW 4	SW 5	SW 4	5	1	0	.	⸗
22	6.1	9.2	5.0	6.8	5.1	564.9	563.9	560.7	**49**	71	87	SSW 2	S 2	WSW 4	3	6	4	0.8	p n ⸗, ●° 16½–17, ◠° 17
23	4.0	3.4	−0.2	2.4	0.8	556.4	**555.5**	555.8	88	100	98	WSW 4	WSW 3	SSW 1	8	10≡●	10≡*	10.1	a ⸗, ≡ 9½, 12–n, △ *)
24	1.6	1.8	2.6	2.0	0.5	556.4	559.6	563.0	100	98	94	E 2	ESE 1	ENE 0	8	6	9	.	≡ 8½–10½
25	4.5	10.2	6.8	7.2	5.8	564.6	566.7	569.3	91	80	73	SE 4	SW 2	WSW 1	8	7	1	.	a ⸗
26	8.1	10.7	6.8	8.5	7.2	569.4	569.6	568.9	71	69	72	WSW 3	SSW 1	SW 2	3	1	1	.	
27	7.1	5.3	1.0	4.5	3.3	566.2	565.2	564.6	75	50	92	SW 2	WSW 3	WSW 3	3	8	7≡	0.2	≡ III–n
28	−0.2	1.3	−0.7	0.1	−0.9	562.7	562.3	563.0	100	90	100	WSW 2	WSW 3	WSW 3	8	10≡	10≡	0.3	≡ 8–15, 18–n, ⋁ III
29	−0.4	2.8	2.8	1.7	0.8	562.5	563.2	563.0	90	88	93	WSW 3	WSW 3	SW 1	9	6	4	.	✳° 8½–9, ≡ ⸗ 10½–11
30	2.9	1.2	**−6.1**	−0.7	−1.5	560.9	559.8	560.5	82	100	100	SW 2	WSW 1	W 1	2	10≡	10≡*	36.7	≡ 10–n, ● △ 14, ✳² ✢ [⋁–n, ⸗ 16½
																		Summe	
Mittel	3.2	5.1	3.2	3.8	—	564.2	564.7	565.1	85	84	88				6.3	6.9	6.6	275.0	—

*) 9. n–14, ⸗ ≡ *) 11. n–19, ⸗, ⸗ II *) 12. ⸗, ●² 13–19, ✳ 18–19½, △² 20–n *) 20. 10–11½, ✳ 15–19, ⋓ III *) 23. 9½–10, ● 9–21, ✳–n

September 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	4.0	8.3	5.6	6.0	−0.5	590.6	590.7	590.9	67	55	94	N 0	S 1	S 0	0	4	10●	9.2	● 18–n
2	5.7	5.3	5.0	5.3	−1.1	589.8	590.7	592.3	93	95	78	S 0	N 1–2	N 0	10●	10≡	0	3.1	● ≡ n–16
3	2.8	10.2	4.7	5.9	−0.4	593.0	592.9	594.8	97	34	96	N 0	N 0	N 0	10≡	1	10≡	.	≡ n–10, 17–n
4	5.4	10.4	7.2	7.7	1.5	596.0	595.8	596.3	67	60	94	S 1	S 2	S 0	7	5	10≡	.	≡ 18–n
5	7.6	11.1	8.7	9.1	3.0	595.5	595.8	595.4	76	66	78	S 1	S 1	S 0	6	7	10●	6.5	● 21–n
6	7.6	5.8	5.9	6.4	0.4	594.1	595.2	596.1	90	82	77	S 1	N 2	N 0	10≡	3	1	6.4	≡ n–9, a ●
7	6.8	10.2	7.5	8.2	2.3	595.0	595.6	594.9	52	51	65	N 0	S 1–2	S 1	0	8	1	15.4	
8	7.1	8.1	7.1	7.4	1.6	591.7	590.8	591.5	70	65	50	S 1–2	S 0	S 0	10●	10	3	15.8	●² n–12½
9	5.8	4.1	4.2	4.7	−1.0	590.2	591.2	592.4	86	89	78	S 0	N 1–2	N 1	10●	7	1	0.6	●° n–13
10	5.6	6.6	6.3	6.2	0.7	592.1	592.0	590.7	51	88	97	SE 1–2	S 1	S 0	3	10	10≡	3.6	≡ 17–n, n ●
11	5.6	9.8	6.9	7.4	2.0	588.9	589.0	589.7	83	46	98	S 0	S 2	S 1	10●	7	10≡	1.3	● n–11, ≡ 17–n
12	5.6	9.6	4.8	6.7	1.4	588.2	588.5	590.0	98	67	53	S 0	S 0	N 1	10≡	10	2	7.9	≡ n–10½, a ●
13	−0.1	4.7	0.2	1.6	−3.6	590.9	592.7	595.5	97	37	94	N 2–3	N 1	N 2	10≡	3	8	.	≡ ⸗ n–10
14	1.4	7.3	3.8	4.2	−0.9	595.7	596.1	597.4	50	38	80	N 0	S 1	S 1	0	0	0	.	
15	6.6	12.2	6.6	8.5	3.5	597.2	597.7	597.4	**32**	35	70	N 1–2	S 0–1	S 0	0	0	0	.	
16	6.8	12.6	7.5	9.0	4.1	596.6	597.4	597.1	70	64	97	S 0	S 0–1	S 1	0	0	0	.	
17	9.0	**14.1**	9.4	10.8	6.1	596.5	597.4	**597.9**	53	41	64	S 0	S 1	N 0	0	6	0	.	
18	9.2	12.1	9.0	10.1	5.5	597.5	597.6	**597.9**	70	64	97	S 1	S 0	S 0	7	9	10≡	0.9	≡ 16½–n
19	8.8	11.9	9.6	10.1	5.6	597.3	597.5	597.8	82	67	95	S 1	S 2	S 0	10●	10	10	7.2	● n–9½
20	9.0	3.3	1.3	4.5	0.1	594.9	595.0	595.6	94	98	98	S 0	N 3–4	N 2	10●	10●	10≡	17.4	● n–16½, ≡–n, ⸗ II
21	3.8	8.2	5.0	5.7	1.5	594.0	594.9	595.5	60	49	47	N 1	N 1	N 0	0	0	0	.	
22	3.9	6.2	7.4	5.8	1.7	594.2	592.9	589.8	87	85	64	S 1–2	S 1	S 3	9	10≡	10●	29.7	●² ≡, ⸗ III
23	5.7	7.3	0.9	4.0	0.6	585.2	**582.9**	583.3	80	75	100	S 2	S 3	S 1	10	10≡	10●	**111.8**	⸗ II, ●² ≡ 10–n, ⸗² ≡²
24	**−0.3**	0.9	0.7	0.4	−3.5	584.0	587.4	590.9	94	96	98	N 0–1	N 2	N 2	10●	10●	10●	52.3	●² ✳ ≡ [17–21, n ✳ ⊠
25	5.3	9.5	8.0	7.6	3.9	595.3	595.6	597.2	87	53	60	S 2	S 2	S 0	10●	5	0	1.0	● n–9½
26	8.4	13.2	8.3	10.0	6.4	597.6	597.5	597.6	51	40	93	S 0	S 1	S 0	0	1	0	.	
27	8.1	8.1	4.6	6.9	3.4	594.4	593.9	593.2	51	81	97	S 0	S 1	N 1	0	10≡	10≡	.	≡ 9½–n
28	2.6	6.5	2.7	3.9	0.6	590.8	590.5	591.4	97	56	96	N 1	N 1	N 2	10≡	4	10≡	.	≡ n–9, 17–n
29	2.6	8.4	5.5	5.5	2.4	590.1	591.9	591.6	53	49	97	N 0	S 0–1	S 2	5	3	10≡	.	≡ 16½–n
30	4.8	5.3	1.6	3.9	0.9	589.6	588.5	589.3	83	83	97	S 1	S 0–1	N 2	10	10●	6	22.7	≡, ● ✳ 11–20
																		Summe	
Mittel	5.5	8.4	5.5	6.5		592.9	593.2	593.7	74	64	83				6.2	6.1	5.7	312.8	

$\lambda = 7^\circ 26$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

Oktober 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.4	10.3	5.7	6.1	−4.6	713.1	713.1	715.3	99	46	93	SW 0	NW 0	E 1	9≡	6	10	.	≡² I
2	3.7	9.6	3.5	5.6	−5.0	717.1	718.3	719.5	98	**44**	100	ENE 0	NE 1	NE 0	1	2	1	.	⌓ I
3	1.6	12.2	6.8	6.9	−3.5	718.1	715.6	714.0	100	48	91	SE 0	NE 1	NE 0	3	1	1	.	⌊⌋ I
4	4.6	11.9	9.4	8.6	−1.6	711.8	710.8	712.7	99	71	98	NE 0	NNE 0	NE 0	7	1	10	0.3	n (4/5) ●°
5	8.3	12.7	6.8	9.3	−0.8	715.8	716.4	718.4	99	50	99	N 0	N 0	E 0	10	4	1	.	
6	4.4	13.7	9.8	9.3	−0.6	718.2	717.7	718.9	100	62	98	E 0	NW 0	N 0	9≡	6	10	.	≡ ⌓ I
7	6.3	**15.1**	8.7	10.0	0.3	718.6	716.5	715.4	99	48	99	SE 0	W 0	S 0	4≡	2	1	1.4	≡² ⌓ I
8	8.4	7.3	4.0	6.6	−2.9	712.7	713.3	713.8	100	94	99	N 0	SW 0	SE 0	10●	10●	7	10.5	● n−15
9	3.9	7.6	4.9	5.5	−3.8	715.0	715.6	717.2	99	76	98	SE 0	E 1	NE 1	9	7	1	.	
10	5.0	6.9	5.7	5.9	−3.2	717.9	717.1	715.4	99	88	97	E 0	NE 1	NE 0	10≡	10	10	.	≡ ⌓ I
11	5.7	8.8	6.5	7.0	−2.0	713.1	711.3	710.8	99	86	98	S 0	W 0	SSE 0	10≡	9	6≡	.	≡ ⌓ I, ≡ III−n
12	6.2	13.5	10.2	10.0	1.2	709.7	707.5	707.7	99	74	99	SSE 0	NE 0	W 0	10≡	1	10	.	≡² ⌓ I
13	8.2	9.5	8.7	8.8	0.2	708.3	708.9	710.3	98	95	97	N 0	N 0	N 0	10	10	10	0.1	●° 11−13
14	8.6	9.8	8.9	9.1	0.7	709.4	707.8	707.8	98	94	97	NE 0	NE 0	NE 0	10	10	10	0.9	●° 10½−11½, n ●
15	8.4	8.6	4.8	7.3	−0.9	705.9	**704.4**	705.8	97	97	96	N 0	SW 0	SW 0	10●≡	10●≡	10●≡	**35.5**	●² ≡
16	5.6	7.8	4.0	5.8	−2.2	704.6	705.2	706.0	96	83	98	S 0	SW 0	SW 0	10●	10	7	1.1	● n−11
17	3.6	8.4	3.3	5.1	−2.8	705.6	705.2	705.9	98	78	98	SW 0	N 0	E 0	10≡	10	7≡	.	≡ I, III−n
18	2.2	7.4	4.6	4.7	−3.0	706.6	706.6	706.9	98	84	98	E 0	E 0	E 0	10≡	10	8	.	≡ I
19	2.1	9.4	5.0	5.5	−2.0	706.5	706.5	708.4	98	73	97	SE 0	NE 1	NW 0	8≡	7	7	0.3	≡ I
20	6.2	8.1	5.4	6.6	−0.7	711.2	712.7	714.6	97	85	96	NW 0	W 0	S 0	10●	10	7	1.3	●° n−10½, ● 17−18, ☋ III
21	3.0	10.7	5.0	6.2	−0.9	715.9	716.4	716.5	97	59	99	S 0	NE 0	NE 0	6≡	3	1	.	≡ ⌓ I
22	4.1	9.2	8.0	7.1	0.1	714.0	713.7	715.2	98	84	97	NE 0	NW 0	SE 0	9≡	10	8	0.1	≡ ⌓ I, ●° 19½-20½, ☋ III
23	3.7	13.3	8.2	8.4	1.6	713.7	710.6	709.6	98	86	96	SE 0	NE 1	W 0	10≡	6	9	.	≡² ⌓ I
24	6.8	11.7	9.9	9.5	2.9	709.1	708.9	709.3	96	92	95	SW 0	SW 0	W 0	10≡	10	10●	2.9	≡ ⌓ I, ● 16½−n
25	9.2	12.4	9.8	10.5	4.0	707.7	706.7	706.6	97	84	98	SW 0	ESE 0	E 0	10●	8	10	0.2	●° n−9½
26	7.4	8.1	6.0	7.2	0.9	707.5	708.7	711.1	94	86	95	NE 0	NE 1	S 0	10	10	10	0.2	●° 10−10½
27	3.6	8.7	5.2	5.8	−0.3	713.1	713.6	716.5	98	58	78	NE 0	NE 1	E 0	7	1	5	.	
28	−0.6	7.7	1.5	2.9	−3.0	718.6	718.6	719.8	100	66	99	NE 0	N 1	NE 0	10≡	1	1	.	≡² ⌊⌋ I
29	**−1.3**	9.3	3.2	3.7	−2.0	**720.1**	718.5	718.6	100	60	99	E 0	NE 1	NE 1	10≡	1	1	.	≡² ⌊⌋ I
30	1.6	5.2	3.1	3.3	−2.3	718.9	716.5	715.5	100	85	99	S 0	SE 0	NE 0	10≡	3	10	.	≡² ⌓ I
31	2.0	4.8	1.9	2.9	−2.5	713.0	711.3	710.1	98	85	98	S 0	N 0	NE 0	10≡	7≡	10≡	.	≡, ≡² III−n
																		Summe	
Mittel	4.7	9.7	6.1	6.8	—	712.6	712.1	712.7	98	75	97				8.8	6.3	6.7	54.8	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

Oktober 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.4	11.9	7.2	7.8	−5.2	721.0	720.9	723.0	95	65	58	NE 1	SE 1	N 3	4	7	10	.	⸗ 16−n
2	4.7	12.5	6.7	8.0	−4.9	724.8	726.0	727.3	69	**49**	70	NE 1	E 1	NE 1	3	7	1	.	
3	4.5	14.5	9.6	9.5	−3.2	725.9	723.3	721.7	88	**49**	75	NE 1	E 1	NE 2	2	0	0	.	
4	7.0	14.0	10.7	10.6	−1.9	719.7	718.6	720.3	85	66	76	NE 1	NE 1	N 1	5	6	10	3.1	≡° II, ● 21−n
5	8.4	**17.4**	7.1	11.0	−1.4	723.1	724.2	726.1	100	50	82	NE 0	SE 1	N 1	8	3	0	.	
6	5.9	12.4	9.6	9.3	−2.9	726.0	725.7	726.8	95	73	84	NW 0	S 1	NW 1	9	8	10	.	
7	5.2	16.7	10.1	10.7	−1.3	726.3	724.4	722.7	77	54	93	NW 1	SW 1	N 1	3	0	0	.	
8	8.8	9.0	5.8	8.1	−3.8	719.3	721.1	721.4	68	84	91	NW 3	W 2	NW 1	10	10	8	4.6	⸗ I, ●, n ●°
9	5.4	10.2	6.6	7.4	−4.3	722.8	723.4	725.0	86	59	80	NE 1	NE 1	NE 1	7	9	0	.	
10	6.7	8.3	6.7	7.2	−4.3	725.4	724.9	723.0	80	75	82	NE 1	E 1	N 1	10	10	10	.	
11	6.5	9.0	7.1	7.5	−3.8	720.7	719.0	718.2	89	84	95	N 1	SW 1	N 1	10	10	9	.	≡° n−II
12	7.3	13.5	11.1	10.6	−0.6	717.2	715.4	715.2	97	76	88	NE 1	S 1	N 1	10	3	10	.	
13	9.4	10.6	9.6	9.9	−1.1	715.7	716.3	717.8	86	82	87	NE 2	E 1	N 1	10	10	10	0.2	⸗ n−I, n ●°
14	9.0	10.9	9.6	9.8	−1.0	716.9	715.4	715.3	96	87	93	NE 1	E 0	N 0	10	10	10	0.4	●° 19½, n
15	9.0	9.4	5.5	8.0	−2.6	713.4	**712.1**	713.4	97	95	94	NE 0	N 1	NW 1	10	10●	10●	**25.3**	≡° I, a ●, p ●²
16	6.0	8.5	5.2	6.6	−3.9	712.2	712.8	713.6	91	81	95	N 1	W 1	N 1	10	9	7	0.5	● n−I, ●°−17
17	4.8	10.0	5.6	6.8	−3.5	713.4	712.8	713.3	97	73	86	NE 1	SE 1	NE 1	10	9	3	.	
18	4.7	7.4	5.4	5.8	−4.3	714.2	714.3	714.8	98	83	91	NE 1	E 1	NE 1	10	10	10	.	
19	5.6	10.7	7.6	8.0	−1.9	714.1	714.0	716.0	97	70	86	NE 1	E 1	N 1	10	10	10	1.7	≡° I
20	6.5	7.8	6.7	7.0	−2.7	718.8	720.4	722.3	97	87	91	SW 1	NW 0	NW 1	10	10	10	1.2	● n−12
21	6.1	13.0	8.3	9.1	−0.5	723.7	724.3	724.3	98	61	79	NE 1	SE 1	NE 1	8	2	6	.	≡° III
22	6.4	9.4	7.5	7.8	−1.6	721.6	721.5	722.8	97	86	100	E 1	SE 1	NE 0	10	10	5	1.1	a ●°, ● 16−20½
23	5.6	11.7	9.4	8.9	−0.3	721.4	718.4	717.0	100	84	95	NE 0	SW 1	N 1	10≡	7	8	.	≡² n−11, p ≡°
24	8.3	10.5	10.4	9.7	0.7	716.7	716.4	716.6	100	95	97	NE 1	E 1	SE 1	10≡	10	10	4.0	≡² I, ● 15½−n
25	9.0	15.0	10.3	11.4	2.5	715.2	714.2	714.3	95	68	88	NW 1	SW 1	NW 0	9	6	10	.	
26	8.2	8.6	7.6	8.1	−0.6	714.8	716.3	718.7	71	88	73	N 1	N 2	N 1	9	10	10	.	
27	5.6	12.8	5.0	7.8	−0.7	720.7	721.2	724.4	71	54	79	NE 1	SE 1	N 1	8	2	0	.	
28	0.7	10.6	4.7	5.3	−3.0	726.3	726.4	727.5	98	59	71	NE 1	E 2	NE 1	3	2	0	.	⌊⌋ I
29	**0.4**	10.8	6.1	5.8	−2.3	**728.0**	726.6	726.4	98	56	75	NE 1	E 2	NE 3	8	0	0	.	⌊⌋ ≡° I, ⸗ III
30	3.2	5.4	3.8	4.1	−3.8	726.6	724.7	723.4	91	84	93	NE 1	NE 1	NE 1	10	10	10	.	
31	3.4	4.5	2.7	3.5	−4.2	720.7	719.2	717.9	90	88	98	N 1	NE 1	NE 1	10	10	10≡	.	≡ III
																		Summe	
Mittel	6.0	10.9	7.4	8.1	—	720.2	719.8	720.3	90	73	85				8.3	7.1	6.7	42.1	

Oktober 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	8.0	11.0	8.9	9.3	−2.7	723.1	723.8	724.6	71	50	96	N 0	N 0	N 0	10	10	10	0.7	n (1/2) ●°
2	6.6	10.2	4.2	7.0	−4.8	726.7	729.1	730.3	65	40	93	NW 0	N 1	E 0	10	5	0	.	
3	5.3	11.3	7.0	7.9	−3.8	728.6	727.1	724.4	95	45	99	NW 0	NW 0	NE 0	9	1	0	.	
4	8.0	11.3	8.9	9.4	−2.1	721.7	721.7	722.7	100	64	96	E 0	N 0	N 0	9	4	8	0.6	
5	8.5	12.3	8.3	9.7	−1.7	725.0	727.6	728.8	100	65	88	NE 0	N 0	N 0	10●	5	0	.	●° n-l
6	5.4	13.1	8.6	9.0	−2.2	728.5	727.9	729.4	95	51	84	S 0	N 0	N 0	8	2	10	.	
7	6.9	14.9	7.4	9.7	−1.3	728.5	726.3	725.5	98	51	98	N 0	NW 0	E 0	4	0	0	.	
8	7.6	8.0	5.9	7.2	−3.7	722.0	724.1	723.8	95	90	100	NE 0	N 0	NW 0	7	10●	10●	8.3	● 10-n
9	5.8	7.4	5.3	6.2	−4.5	725.0	725.8	727.6	84	73	91	N 0	N 0-1	N 0	10●	10	0	0.2	●° l
10	2.2	10.5	5.3	6.0	−4.5	728.1	727.8	725.3	100	60	97	E 0	N 0	NE 0	0	5	10	.	≡° III
11	7.0	7.5	7.6	7.4	−3.0	722.9	721.8	720.7	98	86	100	E 0	N 0	NE 0	10	10	10	.	≡° III
12	5.7	12.3	7.5	8.5	−1.7	719.9	718.1	717.1	100	70	100	NE 0	N 0	NW 0	7	1	5	.	
13	9.9	11.3	9.9	10.4	0.4	717.7	718.5	720.4	100	78	100	N 0	N 0-1	NW 0	10	10	10●	0.9	●° 21-n
14	9.5	12.2	10.2	10.6	0.7	719.2	717.6	717.5	100	75	100	N 0	NW 0	NE 0	10●	9●	10	3.7	● n-ll
15	9.7	9.8	7.8	9.1	−0.6	715.6	**714.2**	715.0	100	89	100	NE 0	N 0	N 0	10●	10●	10●	**12.7**	●
16	7.1	8.3	6.6	7.3	−2.3	714.6	716.0	716.4	99	70	100	N 0	N 0	S 0	10●	10	10	10.1	a ●
17	5.9	9.3	6.2	7.1	−2.3	715.6	715.6	716.2	99	60	100	SE 0	N 0	SE 0	10●	10	4	0.3	●° l
18	4.9	10.0	5.7	6.9	−2.4	716.6	717.1	716.9	97	57	97	SE 0	N 0	NE 0-1	8	5	5	.	
19	3.0	10.5	4.8	6.1	−3.0	716.6	717.2	718.2	98	60	92	SE 0	N 0	E 0	6	4	10	.	
20	7.3	10.2	7.3	8.3	−0.6	720.9	722.4	725.0	98	68	98	SE 0	NW 0-1	N 0	8	10	9	.	
21	4.6	14.4	9.2	9.4	0.7	726.1	725.6	726.7	100	**25**	68	N 0	SE 3-4	NE 0	7	0	6	.	⸙ 12-18
22	9.0	12.1	8.2	9.8	1.2	722.9	723.4	725.0	89	77	100	NW 0-1	NE 0-1	E 1-2	8	7●	10●	1.1	p ●
23	8.4	**21.2**	14.3	14.6	6.2	723.2	721.8	719.6	100	30	38	N 0	SE 3	SE 2-3	6	5	6	.	⸙ 10½-n
24	12.2	12.4	11.0	11.9	3.7	719.1	719.2	719.1	88	86	100	NE 0	N 0	N 0	10	10	10	.	
25	10.9	12.4	10.8	11.4	3.4	717.4	717.4	716.7	100	71	95	NW 0	N 0	NW 0	10	10	10	3.6	n (25/26) ●
26	9.5	8.0	7.8	8.4	0.5	717.1	719.9	720.8	98	80	95	NW 0	N 1	NW 0	10●	10●	10●	2.3	●
27	5.9	9.3	5.3	6.8	−0.9	724.8	723.5	727.0	96	54	88	N 0	NW 0	NE 0	8	2	0	.	
28	**1.0**	8.3	2.8	4.0	−3.5	729.0	729.8	730.0	95	60	95	N 0	N 0	NE 0	2	0	0	.	
29	3.7	8.3	1.9	4.6	−2.8	**730.7**	**730.7**	729.5	84	60	100	NE 0	NW 0	NE 0	9	2	0	.	
30	4.0	8.0	*2.5	4.8	−2.4	729.2	727.3	*725.5	81	66	*90	S 0	N 0	N 0	10	0	10	.	≡° III
31	1.5	*8.0	2.0	3.8	−3.3	723.4	*722.0	720.3	95	*65	95	SE 0-1	— 0	NE 0	2	1*	0	.	
																		Summe	
Mittel	6.6	10.8	7.1	8.2	—	722.6	722.6	722.8	94	64	93				8.0	5.7	6.2	44.5	

Oktober 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m/m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.8	12.0	9.0	7.8	−4.6	728.0	727.6	729.4	95	43	51	SSW 0	NNE 1	NNE 2	0	2	8	.	⸙ 15-n
2	6.5	11.4	8.6	9.0	−3.2	731.3	732.7	733.5	63	**34**	64	NNE 2	NNE 2	NNE 1	0	0	0	.	⸙
3	5.1	12.4	6.6	8.5	−3.6	732.8	730.7	728.7	84	48	89	SE 0	NNW 0	SSW 0	0	0	0	.	
4	3.0	13.1	11.2	8.8	−3.1	727.0	725.4	727.0	97	59	83	S 1	NNE 1	NNW 1	3	6	3	.	
5	10.0	14.2	7.2	11.2	−0.5	730.4	731.2	733.5	86	55	83	SSW 1	NE 1	SSE 0	9	2	0	.	
6	4.8	13.4	10.7	9.1	−2.5	733.4	733.2	734.1	90	60	91	W 0	NNW 1	SW 0	9	9	9	.	
7	5.4	**19.0**	10.4	11.4	0.0	733.7	731.6	730.2	96	54	84	SSW 0	SW 1	SE 0	0	0	0	.	a ⌓
8	11.6	11.4	7.0	9.6	−1.6	727.6	729.1	729.0	80	73	76	S 1	SSE 0	NNW 1	9●	9	10●	6.2	● 7½-11, 14-17, 20-22½, n
9	6.8	10.2	8.4	8.1	−2.9	729.6	729.8	731.1	76	56	70	NE 1	NNE 2	NNE 2	8	8	0	.	⸙ 10-n
10	4.8	10.5	8.3	7.8	−3.1	732.8	731.5	730.4	90	62	81	SE 0	NNE 1	NE 0	9	0	10	.	
11	7.0	10.5	8.0	8.6	−2.1	727.9	726.2	725.6	88	75	90	E 1	NNE 1	SSW 0	9	0	0	0.4	n (11/12) ●°
12	7.6	13.1	9.9	9.9	−0.6	723.9	722.0	723.1	97	73	95	SSW 0	NNW 1	SSW 0	8	3	10●	11.8	● 16-22½, n
13	7.8	9.9	8.9	8.9	−1.5	723.3	724.0	725.2	97	85	92	SSW 0	SE 0	SSW 0	10●	10	10	1.4	● 7½-10
14	9.0	12.0	10.4	10.2	0.0	723.5	722.8	722.4	97	76	94	SSW 0	NNE 1	SW 0	10	10	10	0.4	n (14/15) ●°
15	9.2	9.4	7.3	8.8	−1.2	720.8	720.1	720.9	94	95	95	SSW 0	SSW 1	SW 0	9	10●	10●	13.7	● 11-18, 20-22½, n
16	5.7	10.3	5.0	7.1	−2.7	720.1	720.2	720.7	97	69	95	SE 1	SSW 1	SE 0	10	3	0	0.4	●° 9-11, Ψ° 21½
17	0.9	10.9	5.0	5.8	−3.9	721.0	**719.8**	720.2	96	61	88	SE 0	NW 1	SW 0	0	1	0	.	a ⌴², Ψ 19½
18	4.6	9.2	8.0	6.9	−2.6	721.0	721.2	721.9	93	66	75	SE 0	NNE 1	NNE 1	0	1	9	.	.
19	5.6	10.6	8.0	8.0	−1.3	721.0	721.3	724.0	91	68	82	SSW 0	NW 1	SW 0	9	6	10	1.9	n (19/20) ●
20	6.2	10.2	7.6	8.0	−1.1	726.5	728.0	729.3	91	71	86	SSW 1	SSW 1	SE 0	9●	9	9	.	●° l
21	3.2	11.0	5.6	7.2	−1.7	731.0	731.1	731.2	97	71	91	S 0	NNE 0	SSW 1	0	0	0	.	a ⌓²
22	4.9	10.3	8.4	7.4	−1.4	728.6	729.1	729.6	93	83	94	SSW 0	SE 0	SW 0	9	9	9	0.4	a ⌓, n ●°
23	5.2	13.6	8.3	8.1	−0.5	728.0	725.2	724.3	99	78	95	W 0	W 0	SSW 0	10≡	8	10	.	a ≡
24	9.0	11.8	10.8	10.4	2.0	723.9	723.9	724.3	95	98	97	SSW 0	SE 0	SSW 0	10	10	10	**24.2**	●² 8-13, 18-22, n
25	7.2	13.6	10.9	10.6	2.4	722.6	721.3	721.5	98	69	81	S 0	NNE 1	NE 0	9	2	9	.	
26	8.6	11.9	9.4	9.9	1.9	722.3	723.2	725.7	92	62	71	SW 0	NNE 1	NNE 1	9	9	1	.	
27	6.6	10.8	4.0	7.8	−0.1	727.3	728.1	731.5	76	44	87	NNE 1	NNE 1	SSW 0	0	0	0	.	
28	**0.0**	9.2	2.9	4.2	−3.5	733.3	733.6	734.9	97	66	91	SSW 0	NNE 1	SSW 0	0	0	0	.	a ⌴²
29	1.6	9.3	6.3	4.9	−2.6	**735.0**	733.3	733.6	93	65	80	SSW 0	NE 1	SE 0	9	0	0	.	
30	3.6	7.5	6.5	5.6	−1.7	733.5	731.8	730.1	93	80	85	SE 0	NW 0	NE 1	9	10	10	.	
31	5.2	6.6	4.6	5.5	−1.6	727.9	726.3	724.8	87	82	89	SE 1	E 0	SSW 0	10	10	10	.	
																		Summe	
Mittel	5.8	11.3	7.8	8.2	-	727.4	726.9	727.5	91	67	81				6.3	4.7	5.4	60.8	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

Oktober 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.3	11.8	6.4	7.2	−4.3	720.3	720.3	722.3	99	48	76	NE 0	W 1	NE 1	2	7	10●	0.1	≡° n-I, ●° 21-22
2	2.6	11.0	3.8	5.8	−5.5	724.4	725.3	726.9	95	35	93	N 1	NW 1	NE 0	1	7	0	.	
3	5.2	13.6	6.4	8.4	−2.7	725.7	723.5	721.6	83	47	83	E 1	NE 1	N 0	9	0	4	.	
4	4.6	13.3	9.2	9.0	−2.0	719.3	718.6	719.5	100	57	84	NE 0	W 0	S 0	3	3	10	1.6	
5	8.6	12.4	6.0	9.0	−1.8	722.1	724.0	725.6	95	59	92	W 1	NW 1	NE 0	10●	6	0	0.1	● n-8½
6	4.6	14.0	9.7	9.4	−1.2	725.4	724.8	725.9	100	59	91	NW 0	W 0	E 0	10	4	10	.	≡° I
7	6.4	18.8	8.6	11.3	0.9	725.5	723.5	722.0	100	43	89	E 0	SE 0	NE 0	1	0	1	4.2	
8	10.0	7.5	5.5	7.7	−2.5	719.0	720.3	720.7	96	86	97	S 1	W 1	NE 1	10●	10●	10	9.1	● ⸙ 5-17
9	4.7	8.4	6.8	6.6	−3.4	722.2	723.2	724.9	94	67	83	NE 1	NE 1	N 0	10	9	10	.	●° 5-6, 10-10½
10	5.8	7.6	7.0	6.8	−3.1	725.2	725.0	722.4	87	71	85	NE 1	NE 1	NE 0	10	10	10	.	
11	6.2	9.2	7.5	7.6	−2.1	720.0	718.6	718.0	89	75	98	SW 1	NW 0	SW 0	10	9	8	.	
12	6.9	16.7	7.8	10.5	1.0	717.0	715.3	714.5	100	56	98	E 0	W 1	NE 0	10≡	2	1	.	≡ n-11
13	8.6	9.7	9.2	9.2	−0.1	715.5	715.8	717.5	99	91	97	NW 0	N 1	NW 0	10	10	10	0.8	≡°, ●° 19-n
14	8.6	11.0	9.4	9.7	0.6	716.7	715.0	714.8	100	83	97	N 1	N 1	NW 0	10	10	10	0.3	≡° I, III, ●° 19-n
15	8.7	9.4	6.2	8.1	−0.9	713.1	711.1	712.2	99	100	87	NW 1	SW 1	W 1	10●	10●	10●	22.4	●° 6-6½, ●²-n
16	6.4	7.3	5.8	6.5	−2.3	711.6	712.5	713.2	87	94	95	S 1	S 1	NE 0	10●	10●	9	5.8	● n-3, 6½-16
17	5.6	8.2	3.9	5.9	−2.7	713.0	712.7	713.3	100	73	100	W 0	N 0	N 0	10≡	10	2	0.2	≡ I, ≡° ●°-10
18	5.0	8.8	7.5	7.1	−1.4	713.8	713.9	714.0	98	71	86	NE 1	SE 0	NE 1	10	10	10	.	
19	7.0	10.6	6.0	7.9	−0.4	713.8	713.8	715.2	89	65	99	NE 1	NE 1	NE 0	10	10	5	.	
20	7.5	9.5	4.8	7.3	−0.8	717.8	719.7	721.8	90	68	100	NE 0	W 1	E 0	10	9	2	0.1	●° 8-9, 13-14, p ⸙, n ☋
21	2.0	12.6	5.1	6.6	−1.3	723.2	723.8	723.9	100	57	97	S 0	N 1	NE 0	10≡	0	3	.	≡² n-10
22	5.1	11.1	8.4	8.2	0.5	720.8	720.4	722.6	100	74	97	NW 1	SW 0	NE 0	5	9	10	.	
23	4.6	18.6	9.7	11.0	3.5	721.1	718.4	716.7	100	58	98	NE 0	W 1	W 0	4≡	1	2	.	≡² 6-10½, ☋ III
24	7.8	12.6	10.0	10.1	2.8	716.4	716.1	716.3	100	79	94	N 0	W 0	E 0	10	10	10	0.7	a ≡, ≡° II, ●° 11-12, 19
25	9.9	11.6	9.7	10.4	3.3	714.8	714.0	713.8	99	82	94	NE 1	W 1	NE 0	10●	9	10	0.7	●° n-9, 18-20
26	6.7	6.6	6.4	6.6	−0.4	714.7	716.3	718.2	84	80	88	NW 1	N 0	NE 0	10	10	10	2.4	● 9½-15½, 22-23
27	3.4	10.1	3.1	5.5	−1.3	720.2	720.9	724.0	99	48	91	NE 0	N 1	E 0	3	3	1	.	
28	0.0	9.6	1.8	3.8	−2.8	726.1	726.2	727.1	100	55	92	NE 0	NE 1	NE 0	2	2	0	.	⌊² I
29	1.4	10.4	2.8	4.9	−1.5	727.7	727.2	726.7	95	54	89	NW 0	NE 1	NE 0	9	0	0	.	⌊° I
30	2.6	4.3	2.2	3.0	−3.2	726.2	724.4	722.9	91	81	93	N 0	NE 1	NE 0	10	10	10	0.2	≡°
31	2.5	4.0	2.1	2.9	−3.2	720.3	719.1	717.8	97	89	97	NE 0	N 0	NE 1	10	10	10	.	≡ n-I, ≡°
																		Summe	
Mittel	5.6	10.6	6.4	7.5	—	719.8	719.5	719.9	96	68	92				8.0	6.8	6.4	48.7	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

Oktober 1918.
Beobachter: *Familie Schreiber.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−3.8	−1.8	−1.8	−2.5	−7.5	613.9	614.2	615.0	100	100	100	NW 0	NW 0	NW 0	3	10	10	1.0	≡°, n ✳ ☒
2	−4.8	−3.8	−4.8	−4.5	−9.4	616.4	618.1	619.2	100	100	100	NE 1	NE 0	NE 0	3	0	0	.	☒
3	−0.2	2.4	−0.4	0.6	−4.2	618.7	617.8	616.5	85	70	100	SE 0	SE 0	SE 0	5	0	0	.	
4	0.8	1.2	2.2	1.4	−3.2	613.5	613.2	614.5	70	92	100	SE 0	W 1	W 1	0	0	7	2.0	
5	0.4	1.6	1.0	1.0	−3.5	616.4	618.1	619.5	97	92	98	W 0	W 0	W 0	10	5	5	3.2	n a ● ≡°
6	4.6	6.4	5.8	5.6	1.2	619.5	620.0	620.0	10	11	50	W 0	SW 1	W 0	3	5	10	.	
7	5.2	8.4	5.8	6.5	2.3	620.5	620.1	618.5	38	40	68	W 0	W 0	W 0	0	0	0	.	
8	3.8	−1.2	−3.2	−0.2	−4.2	614.6	614.1	613.9	100	100	100	W 2	W 1	W 2	10≡	10✳≡	10✳≡	27.6	≡, p n ✳², ✢ III ☒
9	−3.8	−2.6	−3.4	−3.3	−7.2	614.6	615.7	616.8	100	100	98	NW 1	E 1	E 1	10✳≡	10≡	10	2.0	✳ I, ≡ ☒
10	0.0	6.2	6.5	4.2	0.5	617.6	619.1	617.1	98	50	50	S 1	S 2	S 3	0	1	0	.	⸙ III ☒
11	6.1	10.3	6.0	7.5	3.9	615.3	614.4	613.7	45	40	50	W 0	W 0	W 1	1	2	3	.	
12	4.0	5.3	5.1	4.8	1.4	612.5	611.8	610.8	75	70	70	W 1	S 0	W 2	1	0	0	.	
13	4.6	6.2	3.0	4.6	1.3	610.6	611.2	612.3	70	70	95	S 3	SE 1	S 0	2	2	10≡	.	⸙ I, ≡ III-n
14	3.0	7.6	2.6	4.4	1.3	611.3	610.8	610.5	95	55	100	SE 0	SE 1	SE 0	10	2	10≡	3.1	≡° I, ≡ III, n ✳
15	0.8	−0.2	−2.0	−0.5	−3.5	608.6	606.9	607.0	100	100	100	SW 0	W 1	W 2	10✳	10✳	10✳	27.8	✳² ≡° ☒
16	−1.6	−0.4	−2.4	−1.5	−4.3	606.8	606.8	607.4	100	100	100	W 1	W 0	W 0	10✳	10	10	9.2	✳ ≡° n-II ☒
17	−2.4	0.0	−1.8	−1.4	−4.1	607.4	607.3	607.7	100	97	97	W 0	SW 0	SE 0	10≡	10	3	.	≡ I, ≡° ☒
18	0.8	3.0	−0.8	1.0	−1.5	607.8	608.2	608.3	57	50	68	S 2	S 2	S 2	1	7	3	.	≡° 17-n ☒
19	1.0	2.6	0.4	1.3	−1.0	608.2	608.4	610.0	49	55	100	E 1	E 0	E 0	3	5	10	.	≡° 18-n ☒
20	−1.0	−0.8	−2.4	−1.4	−3.6	612.1	614.1	615.1	90	100	96	W 1	NW 1	NW 1	10	10≡	10	.	≡°, ≡ II ☒
21	−1.8	1.4	4.0	1.2	−0.8	616.4	616.6	618.0	96	62	57	E 1	SE 2	S 3	1	0	0	.	⸙ III-n
22	8.2	9.6	6.0	7.9	6.0	616.8	617.1	618.1	45	46	80	S 3	S 1	S 3	5	7	3	.	⸙ I, III-n
23	8.2	9.8	8.4	8.8	7.0	617.4	615.8	614.7	45	45	43	S 3	S 4	S 4	5	3	3	.	⸙ I, ⸙
24	6.6	6.8	3.6	5.7	4.1	613.0	612.3	612.6	63	72	100	S 1	S 1	S 0	10	10	10≡	8.0	≡ 16-n, n ●
25	2.4	4.0	1.8	2.7	1.2	610.8	610.0	609.7	100	100	100	W 0	W 0	W 1	10●≡	10≡	10●≡	22.2	● I, III-n, ≡
26	0.6	0.0	−2.0	−0.5	−1.9	609.9	609.9	611.8	100	100	100	W 0	W 0	W 0	10≡	10●✳	10≡	4.5	≡ I, III, ● ✳
27	−2.8	0.6	−4.4	−2.2	−3.4	613.2	614.7	615.3	100	100	100	W 0	W 0	W 0	7	10≡	3	.	≡ II
28	−3.6	0.4	0.8	−0.8	−1.9	617.7	618.5	619.3	92	65	12	SW 0	SW 0	SW 0	0	0	0	.	
29	1.0	0.6	0.0	0.5	−0.5	619.9	619.8	619.5	17	100	65	E 0	E 1	E 1	10	0	0	.	
30	0.2	2.6	1.4	1.4	0.6	618.6	617.0	616.4	77	53	18	E 0	E 0	E 0	0	0	0	.	
31	1.6	4.8	4.2	3.5	2.8	613.9	613.3	612.4	24	28	11	W 0	SW 0	SW 0	0	0	0	.	
																		Summe	
Mittel	1.2	2.9	1.3	1.8	—	614.0	614.0	614.3	75	73	78				5.2	4.8	5.2	110.6	

Oktober 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H_b = 1712.6^m$, $G = -0.12^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.6	4.2	−0.8	1.3	−3.8	618.5	618.2	619.8	87	62	86	NE 0	W 3	NW 2	8	9	10*	22.3	⸙ II, ✳² 16–18
2	−1.6	1.4	−2.4	−0.9	−5.8	620.7	622.2	624.4	90	57	75	NE 0	NW 2	N 1	10	9*	10	0.3	✳° n–II, III
3	−4.1	3.9	1.0	0.3	−4.5	624.3	622.3	621.1	85	54	81	NW 0	N 1	N 1	8	1	10	.	
4	−2.0	6.6	0.0	1.5	−3.1	618.9	617.6	620.1	92	45	81	N 1	W 3	— 0	1	4	9	.	⸙ II
5	0.8	7.0	0.1	2.6	−1.8	621.2	622.7	625.3	81	52	72	S 0	W 1	N 1	8	1	0	.	
6	−3.7	11.6	2.0	3.3	−0.9	626.3	625.0	626.5	89	34	78	SW 0	SW 0	— 0	0	4	9	0.4	n (6/7) ✳°
7	3.5	11.4	1.8	5.6	1.5	626.5	623.3	624.4	88	50	85	N 0	W 1	— 0	8	2	0	.	
8	−1.6	10.6	−1.2	2.6	−1.3	621.1	616.9	618.6	95	50	95	S 0	S 3	NE 1	7	5	10*	8.0	⸙ II, ✳ 16–n
9	−1.8	2.0	−1.0	−0.3	−4.0	618.4	619.6	623.3	85	58	85	N 1	W 2	N 2	10	10	0	.	
10	−1.8	8.6	1.1	2.6	−0.9	625.6	624.7	624.2	90	65	91	NW 0	NW 0	W 1	10	9	0	0.7	n (10/11) ●°
11	3.0	9.0	5.3	5.8	2.4	621.6	620.1	619.5	98	70	92	W 0	S 1	— 0	10●	7●	10●	7.8	●
12	2.1	8.0	3.6	4.5	1.3	618.6	618.0	618.4	95	65	84	N 2	NW 2	— 0	10	6	2	0.2	
13	3.4	8.4	5.6	5.8	2.8	618.4	617.8	618.4	90	58	74	SW 0	W 1	NE 2	10	10	10	2.5	●° n–I, n ●
14	4.0	6.2	3.4	4.5	1.7	618.2	616.7	615.9	93	90	92	NE 0	N 3	NE 2	10●	10	6	10.2	a ●, ⸙ II
15	3.4	2.0	1.2	2.2	−0.4	612.9	611.8	612.1	96	92	95	N 1	N 2	N 1	10●	10●	9	8.9	● n–p, ✳ 13
16	0.9	1.2	0.2	0.8	−1.6	611.6	612.1	613.1	95	90	95	N 1	S 0	— 0	10	10*	10*	10.8	✳ 9–n
17	−0.1	3.4	−0.1	1.1	−1.1	612.7	613.4	614.5	95	64	87	N 1	S 2	— 0	10	7	10	.	
18	−2.1	3.6	−1.8	−0.1	−2.1	615.4	614.6	615.3	91	66	85	S 0	SE 2	— 0	9	10	4	.	
19	−4.2	5.8	1.8	1.1	−0.8	614.8	615.0	616.7	90	56	88	NW 0	SE 1	— 0	7	10	10	1.4	n (19/20) ●
20	1.2	3.5	−2.2	0.8	−0.9	619.6	620.3	622.1	90	69	85	SE 1	W 1	NE 1	10	9	4	.	
21	−5.2	5.0	1.4	0.4	−1.1	624.5	625.5	627.5	88	54	84	W 0	S 2	— 0	0	1	10*	7.0	✳ III, n ●
22	3.0	9.4	5.6	6.0	4.7	625.8	625.1	625.8	96	59	95	N 0	S 2	— 0	9	10●	9	10.7	a ●°, ⸙, p n ●
23	4.6	8.0	4.6	5.7	4.6	626.1	624.5	622.4	97	83	94	NE 0	S 1	W 0	10	10●	10●	0.6	p ●°
24	1.8	8.3	4.8	5.0	4.1	620.0	618.6	618.2	95	66	90	E 0	SE 1	— 0	10	10	10	0.2	
25	2.0	9.0	0.6	3.9	3.2	616.2	614.7	614.4	94	50	81	W 0	W 2	— 0	10	4	9	.	
26	−0.8	5.0	1.8	2.0	1.5	614.5	614.6	616.4	90	71	82	E 0	W 1	— 0	8	10	10	0.3	●° 12½–13, n ✳°
27	0.1	2.0	−4.6	−0.8	−1.1	618.1	619.1	622.1	55	49	66	W 2	W 3	— 0	6	1	0	.	⸙ II
28	−8.4	5.3	−4.6	−2.6	−2.7	623.6	623.6	625.3	81	22	55	S 0	SW 3	— 0	0	0	0	.	⸙ II
29	−4.5	4.0	−3.3	−1.3	−1.3	625.4	625.2	626.1	72	54	68	S 0	W 2	NE 2	6	7	0	.	
30	−8.6	6.2	−4.2	−2.2	−2.0	624.9	622.2	621.7	86	35	65	W 0	N 1	— 0	0	0	0	.	
31	−8.4	6.8	−4.8	−2.1	−1.7	620.0	618.2	619.0	81	30	60	NW 0	W 2	NE 0	0	0	0	.	
																		Summe	
Mittel	−0.8	6.0	0.5	1.9	—	620.1	619.5	620.4	89	59	82				7.3	6.3	6.2	92.3	

Oktober 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H_b = 540^m$, $G = 0.00^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	6.4	12.8	8.9	9.4	−2.9	714.4	713.7	715.6	82	43	57	NE 0	SW 1	SW 0	6	9	9	0.4	n (1/2) ●°
2	4.9	13.1	6.2	8.1	−4.0	717.9	718.8	721.3	73	39	52	NE 0	SW0–1	NE 1	1	4	0	.	△ I
3	2.8	13.2	8.2	8.1	−3.9	720.7	717.3	716.8	83	42	71	E 0	SW1–2	NE 0	5	0	0	.	⊔ I
4	4.6	13.6	11.2	9.8	−2.0	714.4	712.4	714.3	95	55	71	SE 0	SW1–2	SW 0	3	3*	10	.	△ I
5	9.4	13.7	9.3	10.8	−0.9	716.6	717.5	721.0	85	50	67	SW0–1	SW2–3	SW0–1	9	0	0	.	△ I, ⸙ II
6	5.8	14.6	10.8	10.4	−1.1	720.4	719.0	722.4	95	52	74	NE 0	S 1	NE 0	10	10	10	.	
7	6.7	15.8	9.5	10.7	−0.6	720.9	717.9	718.6	89	48	75	NE0–1	SW 1	NE0–1	0	1	0	.	△ I
8	5.5	10.4	6.1	7.3	−3.8	714.5	714.1	716.2	100	64	77	E 0–1	S 1–2	SW 1	9	10	3	1.8	△ I, ● 10½–12½
9	5.2	11.0	5.4	7.2	−3.7	715.0	715.1	718.1	92	46	69	S 0–1	SW1–2	NE0–1	10	8	2	.	
10	1.4	12.3	6.6	6.8	−4.0	719.3	719.6	718.5	98	46	92	E 0	SE 0–1	NE 0	0	0	0	.	
11	3.1	14.4	8.0	8.5	−2.1	714.9	712.1	712.6	100	53	98	NE 0	SW 1	SW 0	6	10	5	0.3	△ I, ●° 17½
12	6.3	14.9	10.0	10.4	0.0	711.9	709.0	709.0	100	55	99	E 0	SW 0–1	N 0	10	2	7	.	
13	8.8	12.3	8.3	9.8	−0.4	710.9	710.0	712.9	95	68	95	W 1–2	SW 0–1	SW 0	10	10	10	0.3	
14	8.4	12.8	9.4	10.2	0.2	711.5	710.3	709.9	100	75	98	SW0–1	SW0–1	SW 0	10●	10	10●	6.9	●° n–9, ● 16½–n
15	9.0	9.8	7.0	8.6	−1.3	708.2	706.8	708.6	95	95	98	NE 0	SW0–1	S 0	10●	10●	10●	10.5	●
16	5.8	7.9	5.9	6.5	−3.2	707.3	707.7	708.7	97	75	93	SW0–1	SW0–1	SE 0–1	10●	10	10	2.7	● n–I, ⊽ III
17	5.6	9.9	5.8	7.1	−2.4	708.1	707.5	709.0	99	50	73	S 0–1	E 1	N 1	10●	3	2	0.2	●° n–9
18	3.0	11.6	5.3	6.6	−2.7	709.3	708.1	710.0	88	42	87	E 0	SW0–1	E 0	7	1	9	.	
19	2.4	12.2	6.0	6.9	−2.2	708.9	708.3	711.2	93	43	87	SE 0–1	SW1–2	NE 0	9	6	6	0.1	△² I
20	6.0	9.2	6.5	7.2	−1.7	714.6	714.2	717.8	95	74	97	SE 0	SW 0	SW 0	10	10	10	.	●° I, ≡° III
21	2.3	12.5	8.9	7.9	−0.9	718.3	718.5	720.6	100	35	42	E 0	SE 0–1	NE0–1	0	3	4	.	⊔ I
22	10.0	14.7	10.4	11.7	3.1	716.9	716.9	719.3	60	35	83	NE0–1	NE 1–2	E 0	10	9	6*	1.0	● 17
23	9.6	19.3	14.6	14.5	6.1	716.1	713.0	713.4	75	33	44	NE0–1	NE2–3	E 0–1	6	7	9	.	⸙ II
24	9.6	14.9	10.4	11.6	3.4	711.0	710.8	712.2	91	70	99	NE0–1	S 0	SW 0	10	10	10●	0.6	●° III
25	9.4	14.6	10.2	11.4	3.4	709.5	707.7	709.1	98	57	71	W 0	SW0–1	NE0–1	10	4	10	2.3	● 8–9½
26	8.5	12.3	8.6	9.8	1.9	708.3	709.0	712.2	97	59	68	NE 0	W 2	SW0–1	9	7	10	.	
27	5.0	10.8	5.5	7.1	−0.6	714.1	*716.1	719.0	87	45	72	NW 0	S *1	NE0–1	1	0	0	.	△ I
28	4.8	10.2	4.9	6.6	−0.9	721.1	720.3	722.8	80	41	79	E 0	S 1	NE0–1	9	0	0	.	
29	0.1	8.8	4.8	4.6	−2.7	723.0	720.7	721.3	100	55	72	NE 0	S 0	NE 0	4	1	0	.	
30	0.2	9.3	3.2	4.2	−2.9	721.6	718.3	718.7	98	45	88	NE0–1	SW1–2	E 0	0	0	0	.	⊔ I
31	0.0	8.9	3.7	4.2	−2.7	716.0	713.3	713.1	95	41	74	NE 0	SW 1	NE 0	0	0	0	.	⊔² I
																		Summe	
Mittel	5.5	12.3	7.7	8.5	—	714.7	713.7	715.3	91	53	78				6.6	5.1	5.2	27.1	

$\lambda = 8^\circ\,57'$, $\beta = 46^\circ\,0'$,
$H_b = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Oktober 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	10.6	19.2	14.8	14.9	0.3	733.4	732.6	732.4	80	24	91	N 0	S 0	NW 2	0	0	10●	14.2	↖ ● ↙ 20½–22
2	9.6	16.4	9.2	11.7	−2.7	737.2	739.1	742.9	49	**17**	21	SW 0	NE 2	NE 2	10	0	0	.	↙ 10–III
3	6.0	15.8	7.6	9.8	−4.4	743.2	741.2	740.1	33	33	65	N 0	S 0	N 0	0	0	0	.	
4	9.2	16.8	8.8	11.6	−2.4	738.1	736.6	737.6	71	29	67	N 0	S 0	N 0	10	0	0	.	
5	7.2	17.4	9.2	11.3	−2.5	739.1	738.5	741.6	82	33	84	N 0	S 0	N 0	0	0	0	.	
6	7.8	18.4	11.0	12.4	−1.2	744.1	742.5	744.0	71	33	78	N 0	S 0	N 0	0	0	0	.	
7	11.2	**20.0**	10.6	13.9	0.5	742.6	741.6	741.7	77	35	81	N 0	S 0	N 0	2	0	0	.	
8	9.2	18.2	13.4	13.6	0.4	738.0	733.6	733.5	76	39	35	N 0	SE 0	NE 2	6	6	10	2.4	↙ 16½–n, ● 20½
9	13.2	15.8	10.8	13.3	0.3	733.3	734.6	739.2	21	20	51	NE 2	NE 2	NE 2	10	10	10	.	↙
10	8.2	17.2	11.8	13.4	0.6	744.1	742.8	740.8	67	33	85	N 0	S 0	N 0	10	0	10	0.5	n (10/11) ●°
11	11.4	15.2	11.6	12.7	0.1	739.2	738.2	737.6	85	59	90	NW 0	NW 0	NW 0	10	10	10	0.5	●°, n ●°
12	12.4	16.8	12.4	13.9	1.5	736.2	735.7	735.1	88	54	88	NW 0	S 0	NW 0	10	10	10●	10.0	● 21–n
13	11.6	12.8	4.2	11.9	−0.3	735.1	735.7	735.2	88	86	92	NW 0	NW 0	NW 0	10●	10●	10●	27.8	●²
14	10.4	12.2	10.2	10.9	−1.1	735.0	733.5	732.8	90	86	92	NW 0	NW 0	NW 0	10	10	10●	**45.2**	● n–6½, 8½–11½, ●²
15	10.2	11.8	11.6	11.2	−0.6	728.3	**727.5**	727.8	92	86	92	NW 0	NW 0	NW 0	10●	10●	10●	35.2	●² [14½–n
16	11.2	9.8	8.2	9.7	−1.9	729.0	730.2	730.5	92	69	94	NW 0	NW 0	NW 0	10●	10●	10●	22.8	●² n–II, ● 17–n
17	7.0	9.0	7.6	7.9	−3.5	731.5	732.4	733.1	90	75	88	NW 0	NW 0	NW 0	10	10	10●	12.4	a ●°, ● III–n
18	7.6	13.0	7.8	9.5	−1.7	733.4	732.4	733.1	89	47	80	NW 0	NE 0	N 0	9	6	10	.	
19	7.4	12.8	10.2	10.1	−0.9	732.0	732.7	735.2	84	55	87	N 0	NW 0	NW 0	10	10●	10	12.2	a ●°, p n ●
20	9.0	11.2	7.6	9.3	−1.5	739.5	740.0	742.1	90	80	90	NW 0	NW 0	NW 0	10●	10	10	10.8	● n–8½, 16½–19½
21	5.4	14.0	9.8	9.7	−0.9	744.7	745.4	**746.4**	87	50	87	N 0	S 0	NW 0	0	0	10●	4.2	● 21–n
22	9.0	12.2	11.0	10.7	0.3	744.9	743.9	744.3	90	86	92	NW 0	NW 0	NW 0	10	10	10	7.2	●, n ●
23	10.6	16.4	11.6	12.9	2.7	743.1	740.8	739.4	90	71	90	NW 0	S 0	NW 0	10	10	8	2.2	●°
24	11.6	13.0	10.8	11.8	1.8	737.4	736.5	736.0	90	90	90	N 0	NW 0	NW 0	10●	10●	10	21.2	●² n–15
25	8.8	13.6	10.6	11.0	1.1	733.5	731.9	731.1	90	68	88	N 0	S 0	N 0	10	0	0	.	
26	6.4	14.0	11.0	10.5	0.8	730.1	729.4	731.3	87	51	35	N 0	S 0	N 0	0	0	0	.	
27	12.2	13.0	9.2	11.5	2.0	734.6	737.0	740.4	21	37	80	NE 2	S 0	N 0	0	0	10	.	↙ n–I
28	5.2	12.0	6.4	7.9	−1.4	744.1	743.9	745.3	73	40	86	N 0	S 0	N 0	4	0	0	.	
29	**3.8**	12.4	8.8	8.3	−0.8	744.7	744.5	745.9	89	46	80	N 0	SE 0	N 0	0	0	10	.	
30	6.4	11.4	5.2	7.7	−1.2	744.2	741.4	740.5	79	47	83	N 0	S 0	N 0	10	0	0	.	
31	5.2	10.4	5.0	6.9	−1.9	737.7	735.7	737.4	72	49	82	N 0	S 0	N 0	8	0	0	.	
																		Summe	
Mittel	8.9	14.3	9.9	11.0	—	737.8	737.1	737.9	77	52	79				6.7	4.5	6.4	228.8	

$\lambda = 7^\circ\,35'$, $\beta = 47^\circ\,33'$,
$H_b = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Oktober 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.3	11.8	6.4	7.2	−4.9	739.7	739.4	742.1	97	**49**	82	S 1	NW 1	W 1	7	6	6	.	≡ n–7
2	2.5	10.6	6.0	6.4	−5.5	744.2	744.8	746.1	98	54	85	SE 0	W 1	E 1	10≡	4	3	.	≡ 6½–8½
3	5.6	12.8	9.2	9.2	−2.5	744.9	742.3	740.5	88	55	84	SE 0	N 1	E 0	9	3	0	.	
4	7.3	13.0	11.6	10.6	−0.9	738.1	736.7	738.6	91	60	80	NE 0	NW 1	W 0	0	4	10●	1.8	● 21½–2
5	10.0	12.2	7.8	10.0	−1.3	741.6	743.0	744.9	94	68	89	W 0	NW 1	SE 1	10	6	0	.	● 6
6	4.8	14.6	11.0	10.1	−1.0	744.1	743.6	745.1	90	64	83	SE 1	W 1	SE 0	7	5	10	.	
7	7.4	**15.8**	11.0	11.4	0.4	744.3	742.1	739.9	89	58	85	SE 1	NW 1	SE 1	3	3	0	3.5	
8	8.6	8.8	6.0	7.8	−3.0	738.9	738.9	740.2	89	89	91	W 1	S 0	W 0	10●	10	10●	6.8	● 2–15, 21–22
9	5.4	9.4	6.0	6.9	−3.7	741.9	742.4	744.1	97	74	91	NW 0	N 1	E 0	10	7	2	.	● 6
10	4.4	9.8	8.2	7.5	−2.9	744.9	743.5	741.4	97	72	81	NW 0	E 1	SE 0	8	10	10	.	
11	4.6	10.8	9.8	8.4	−1.8	739.0	736.9	736.2	90	75	89	S 0	W 1	W 0	4	4	10	.	
12	8.2	15.2	11.4	11.6	1.6	735.0	733.3	733.4	97	61	93	SE 1	E 1	W 1	10≡	5	9	.	≡ I
13	9.8	10.5	10.2	10.2	0.4	734.2	734.6	736.3	86	88	97	W 0	NW 1	SW 0	10	10	10	0.5	●° 11, 23 [● 16–24
14	9.4	9.6	9.8	9.6	0.0	735.3	734.0	733.6	95	92	95	W 1	NW 0	W 0	10	10	10	1.5	●° 0–1, 4-6½, 10-11, ≡° I,
15	9.6	10.0	7.1	8.9	−0.5	731.4	**729.7**	730.6	97	100	95	W 0	W 1	S 0	10	10●	10●	**35.5**	● 0½–3, 6–10, ●²–n, ≡° I
16	7.6	10.0	7.4	8.3	−0.9	730.0	730.7	731.7	97	75	95	S 0	SW 0	S 0	8	10	4	0.2	●² n–4, ●° 12–15½
17	5.4	10.3	5.4	7.0	−2.0	731.8	731.0	732.1	95	73	97	SE 1	E 1	N 0	10	10●	0	.	≡° I, ●° 13½, 15, 16
18	3.4	5.4	6.4	5.1	−3.7	733.1	733.1	733.4	98	94	94	N 0	NW 1	W 0	10≡	10	10	.	≡ n–11
19	6.3	10.3	8.2	8.3	−0.3	732.6	732.8	734.2	96	77	92	W 0	NW 1	W 0	10	10	9	.	≡° I
20	8.1	8.1	7.1	7.8	−0.6	736.6	739.0	740.5	96	90	93	E 0	NW 0	SE 1	10	10●	3	2.4	≡° I, ● 8–14½, 19
21	6.0	13.5	7.2	8.9	0.6	741.9	742.1	742.9	91	57	89	SE 1	E 1	E 1	5	0	0	.	
22	4.7	11.2	10.1	8.7	0.6	740.1	739.4	740.9	93	79	86	S 0	S 0	SE 0	10	9	10	0.1	≡° I, ●° 11
23	5.5	14.6	9.1	9.7	1.8	739.6	736.7	735.2	95	72	97	S 0	NW 1	SW 0	10	3	10	.	≡° I, III–n
24	10.2	11.0	9.6	10.3	2.6	735.1	734.8	735.0	97	93	99	E 1	N 1	NW 0	10≡	10	10●	0.6	≡ n–9, ●° 20½–24
25	9.7	12.2	9.5	10.5	3.0	733.3	732.3	732.8	100	86	98	SE 0	NE 0	NW 1	10≡	10	10≡	0.6	●° 2–4, ≡ n–8, III
26	6.3	8.6	7.7	7.5	0.1	734.1	735.4	737.4	97	77	89	W 1	W 1	SW 1	10●	10	10	0.1	●° 2½–8
27	5.7	9.1	4.3	6.4	−0.8	739.7	740.4	743.5	88	54	87	E 1	N 1	SE 1	9	1	0	.	
28	**0.3**	8.9	3.3	4.2	−2.8	745.5	745.5	746.7	96	61	88	SE 0	N 1	SE 1	10≡	2	0	.	≡ n-9½
29	1.1	10.4	4.4	5.3	−1.6	**747.2**	746.3	746.0	93	53	93	SE 1	NE 1	E 0	10	0	0	0.1	⌴ ≡° I, ≡ 23–n
30	1.0	7.2	2.5	3.6	−3.1	745.0	742.9	741.7	98	75	84	E 1	E 2	E 2	5	0	2	.	
31	3.2	7.3	3.3	4.6	−1.9	739.0	737.1	736.2	93	77	90	E 2	E 2	E 2	10	0	10	.	
																		Summe	
Mittel	6.0	10.7	7.7	8.1	—	738.8	738.2	738.8	94	73	90				8.5	6.2	6.1	53.7	

Oktober 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-5.3	-3.9	-6.7	-5.3	-6.0	560.5	561.1	562.1	100	100	100	SW 0	SW 0	SW 0	10≡	10≡	10≡△	3.8	≡ n-17, V, ≡ △ ✳ 21-n ✳
2	-8.1	-8.5	-8.4	-8.3	-8.8	562.8	564.5	565.6	100	95	95	ENE 0	NW 0	WNW 1	10≡	10*	10≡*	2.7	a V, ≡, ✳ ll-n ✳
3	-6.2	-2.9	-4.3	-4.5	-4.9	565.4	565.0	563.2	95	98	98	NW 1	N 0	E 3	10≡	7	9	.	≡ n-9, 15½-16 ✳
4	-8.1	-3.7	-4.4	-5.4	-5.7	560.6	560.5	561.9	43	92	80	WSW 1	WSW 3	WSW 3	1	10≡	9	2.7	≡ 13-14, 18, ⸗ 18½ ✳
5	-3.5	-0.7	-3.7	-2.6	-2.8	563.5	565.6	567.1	98	100	42	WSW 1	WNW 0	W 2	10≡*	7	1	4.0	✳ n-12, ≡ n-19 ✳
6	0.9	4.4	0.6	2.0	2.0	567.7	568.5	569.3	25	55	40	WNW 2	SW 2	W 2	8	6	9	.	✳
7	1.0	4.1	1.0	2.0	2.1	568.5	568.2	566.6	80	88	87	W 2	SSW 2	SSW 2	6	1	2	.	✳
8	-0.8	-4.7	-7.3	-4.3	-4.1	562.9	561.0	560.7	100	100	100	WSW 3	W 2	WNW 1	10≡	10≡*	10≡*	31.2	≡ 7-n, ✳² ✢ V ✳
9	-7.8	-6.7	-6.7	-7.3	-7.0	561.1	562.6	564.4	100	100	100	NE 1	NE 1	ENE 1	10≡*	10≡	10≡	1.4	✳ ✢ n-12½, ≡ V ✳
10	0.0	1.3	2.9	1.4	1.9	566.7	567.4	565.8	80	91	94	ENE 1	ESE 2	ENE 3	1	1	1	.	✳
11	2.5	4.1	-0.4	2.1	2.7	564.2	563.1	562.1	90	90	100	WSW 1	SSE 1	WSW 3	7	9	10	.	✳
12	-0.3	2.4	0.0	0.7	1.4	560.9	560.4	560.2	98	95	83	SSE 1	S 3	SW 3	7	4	2	.	≡ 10½-12, 15 ✳
13	0.2	3.1	1.4	1.6	2.4	560.0	560.6	561.3	86	80	81	ENE 3	SW 2	NW 1	9	8	9	.	✳
14	1.3	1.7	0.9	1.3	2.2	560.7	559.9	559.1	79	82	87	NE 1	ENE 2	ENE 1	9	8	5	0.6	✳° 9-10, n → ✳
15	-1.7	-3.2	-4.1	-3.0	-1.9	556.8	554.8	554.7	100	98	100	NW 1	W 2	WSW 3	10≡*	10≡*	10≡*	7.9	✳ ≡, ✢ 20-n ✳
16	-5.3	-3.2	-5.8	-4.8	-3.6	554.3	554.8	555.6	100	98	92	WSW 1	SW 0	SSE 1	10≡*	10≡*	10≡	4.8	a V, ≡, ✳ n-14, 18-19½ ✳
17	-5.5	-2.6	-5.8	-4.6	-3.3	554.8	555.1	556.1	92	95	88	SE 0	S 2	SSE 3	9	10≡	8	.	≡ 8½-10, 16-15 ✳
18	-4.2	-2.7	-2.9	-3.3	-1.9	556.5	556.9	557.1	85	84	78	SSE 2	SE 1	NE 2	2	9	1	.	✳
19	-3.0	-0.1	-2.7	-1.9	-0.3	556.8	557.6	558.5	80	80	88	E 2	SE 2	SSW 3	3	6	5	.	✳
20	-3.3	-1.4	-5.2	-3.3	-1.6	560.0	561.5	562.8	95	97	98	SSW 3	SW 2	SSW 1	7	10≡	4	1.3	≡ 13-21, △° 14, ✳ 17-18 ✳
21	-5.8	-2.2	0.4	-2.5	-0.7	563.8	565.5	567.2	87	75	80	SSW 3	SSW 3	SSW 4	1	1	6	.	p n ⸗ ✳
22	1.2	4.6	1.6	2.5	4.4	566.7	566.8	567.1	88	78	98	SSE 3	SSW 4	SW 3	8	9	7	0.2	⸗, ●° ⌒ 16, ●° 19, n ⸗ ✳
23	2.5	4.6	3.2	3.4	5.5	567.0	565.8	564.1	83	78	76	E 3	SSE 3	S 5	5	5	6	.	⸗, ⸗ III, n ⸗ ✳
24	2.7	2.3	0.2	1.7	3.9	562.3	561.7	560.8	76	80	100	ESE 2	ESE 3	NE 1	8	10*	10≡	4.6	✳° 12½-14½, ≡ 20-n ✳
25	-1.0	-0.1	-1.6	-0.9	1.4	558.9	558.2	557.9	100	95	95	SW 1	NW 0	SW 1	10≡*	10≡	10≡	12.4	✳ n-12, ≡, V ●° 16-n ✳
26	-3.1	-3.1	-6.1	-4.1	-1.7	557.3	557.6	559.0	100	100	100	W 1	WSW 1	W 1	10≡	10≡	10≡*	2.8	≡ V, ✳ 17-n ✳
27	-8.2	-6.4	-8.3	-7.6	-5.0	560.0	561.1	563.3	100	100	60	WSW 1	SW 1	WNW 3	10≡	7	2	.	≡ n-8 ✳
28	-5.4	-2.7	-2.6	-3.6	-0.9	564.8	566.0	566.8	38	53	24	W 2	WNW 0	NNW 2	1	0	1	.	✳
29	-5.1	-5.4	-2.8	-4.4	-1.6	567.1	567.1	567.3	98	75	40	NNE 2	NNE 2	ENE 3	10≡	2	1	0.2	≡ ✳° 7½-12 ✳
30	-2.0	0.2	-1.8	-1.2	1.8	566.2	565.3	563.9	25	47	42	NE 2	E 0	NW 1	1	1	1	.	✳
31	-2.0	0.4	-1.3	-1.0	2.1	561.9	561.4	560.9	30	48	40	NW 1	WNW 0	W 1	1	1	0	.	✳
																		Summe	
Mittel	-2.7	-1.0	-2.6	-2.1	—	562.0	562.1	562.3	82	85	80				6.9	6.8	6.1	80.6	

Oktober 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	-3.3	-3.4	-4.2	-3.6	-6.4	588.9	589.2	590.1	94	94	94	N 2	N 2	N 2-3	10≡	10≡	10≡	14.1	a ⌐², ≡, K ⸗ 18½-n, n ✳
2	-4.8	-4.9	-5.8	-5.2	-7.9	590.8	592.5	594.1	92	92	90	N 3	N 3	N 2	10≡	5	0	.	≡ ⌐² l, ⸗ n-ll
3	-3.7	-0.9	-1.5	-2.0	-4.6	594.0	593.5	592.0	88	66	96	N 2	N 2-3	N 3	5≡	1	0	.	a ≡, p ⸗
4	-1.7	1.4	-0.2	-0.2	-2.7	589.1	588.8	590.8	96	71	75	N 1-2	N 1-2	N 1	10≡	0	9	0.9	≡ n-11, n ●°
5	-1.1	-0.3	-1.6	-1.0	-3.3	591.6	593.9	595.5	96	97	95	N 3	N 2	N 1-2	10≡	10≡	10≡	2.3	⸗ l, ≡² ●
6	3.6	8.8	2.7	5.0	2.8	596.1	596.2	597.8	16	12	22	N 1	N 0-1	N 1	9	7	1	.	.
7	2.3	8.9	2.9	4.7	2.7	597.0	596.3	595.3	42	29	73	N 1-2	N 1	N 0-1	1	0	0	.	
8	3.0	-2.2	-5.2	-1.5	-3.4	591.4	589.8	588.6	72	94	91	N 0	N 2	N 2-3	4	10*	10*≡	18.3	✳ 11½-n, ✢ ≡ ⸗ III-n
9	-5.4	-4.2	-4.0	-4.5	-6.2	588.7	590.0	593.0	87	90	89	N 4	N 4	N 2	10*≡	10	0	1.3	✳ ≡ n-11½, ⸗ n-p
10	0.1	6.8	2.0	3.0	1.4	595.3	595.5	594.9	87	44	64	N 0	S 0-1	S 0	0	0	0	.	
11	2.3	2.9	1.9	2.4	1.0	592.6	591.6	590.6	65	86	93	S 0	S 1	S 0	7	10≡	0	1.3	≡ ● a-14
12	1.5	2.1	1.6	1.7	0.4	589.5	589.1	588.8	94	95	82	S 1	S 1-2	S 2	10≡	10●	10	18.3	≡ l, ● ✳ 11-n
13	1.2	1.3	0.9	1.1	0.0	588.2	588.8	589.4	82	92	92	S 1	S 1	S 0	10●	10	10	14.7	● n-10
14	1.0	3.7	2.0	2.2	1.2	588.5	587.6	587.0	95	74	69	S 1	S 1	S 1	10●	10	10	18.3	● n-12
15	-0.7	-1.5	-1.4	-1.2	-2.0	584.2	583.2	583.5	96	94	94	N 1	N 2	N 1	10*	10*	10	33.7	✳² n-15
16	-3.1	-2.5	-3.7	-3.1	-3.8	582.5	583.4	583.8	93	93	90	N 2	N 2	N 1	10*	10≡	10≡	35.0	✳² n-9, ≡-n
17	-3.2	-1.4	-5.3	-3.3	-3.9	583.4	583.9	584.7	93	93	90	N 0	S 1	S 0	10	10	3	4.7	n (17/18) ✳
18	-3.2	0.2	-4.4	-2.5	-3.9	585.4	585.5	586.0	85	85	64	S 0-1	S 0	S 0	10	8	0	.	
19	-2.3	2.6	-1.1	-0.3	-0.6	585.1	586.1	587.7	56	50	95	S 0	S 0	S 0	0	10	10≡	3.6	≡ III-n, n ✳
20	-1.8	-1.2	-2.8	-1.9	-2.0	589.6	590.5	592.2	78	90	93	S 2	S 2	S 2-3	10≡	10*	10≡	9.7	≡, ✳ 11-15½, ⸗ III
21	-3.0	-0.1	-0.5	-1.2	-1.2	593.6	596.0	596.6	88	62	97	S 2	S 2	S 1	10	10	10≡	11.7	≡ III, n ●
22	1.7	2.2	1.8	1.9	2.1	595.1	595.6	596.4	95	82	80	S 2	S 2	S 2	10●	10●	10●	46.3	●²
23	2.5	3.4	3.5	3.1	3.4	596.2	594.5	591.9	95	87	67	S 1	S 2	S 0	10≡	10	10	9.2	≡ n-10, ● ✳
24	3.0	3.2	1.3	2.5	3.0	590.8	589.9	589.3	71	80	98	S 0	S 0	S 0	10	10	10≡	6.3	≡ 17-n, n ●
25	0.6	3.6	0.1	1.4	2.0	587.0	586.3	586.0	73	60	98	N 0	N 0	N 2	1	10	10	4.1	≡ 14-p, ✳ 19½-n
26	-0.8	-0.7	-3.2	-1.6	-0.8	585.5	585.9	586.9	96	95	94	N 2	N 2	N 2-3	10≡	10≡	10*	14.6	≡ n-ll, ✳ ✢ 11-n, ⸗ III-n
27	-4.8	-4.5	-5.9	-5.1	-4.2	588.2	590.1	592.1	93	93	92	N 3	N 2-3	N 1	10≡	0	0	.	≡ ✢ l, ⸗ n-ll
28	-6.2	-2.0	-2.2	-3.5	-2.4	593.5	594.4	595.6	25	22	30	N 2	N 1	N 0	0	0	0	.	
29	-4.2	0.3	-0.3	-1.4	-0.2	595.4	595.7	596.0	20	41	24	N 1	N 1	N 0	3	3	0	.	
30	-1.8	2.6	-1.3	-0.2	1.2	594.5	593.8	592.0	25	23	28	N 1	N 2	N 0	0	0	0	.	
31	-1.6	3.3	1.1	0.9	2.4	590.0	589.4	589.3	25	17	26	N 2	N 1	N 2	0	0	0	.	
																		Summe	Angaben über Schneebedeckung ungenau!
Mittel	-1.1	0.9	-1.1	-0.4	—	590.4	590.5	590.9	75	71	77				7.1	6.9	5.6	268.4	

$\lambda = 7^\circ 26$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

November 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.0	7.4	2.2	3.9	−1.3	709.7	708.2	708.5	95	76	95	SE 0	SE 0	NW 0	10≡	9	10≡	.	≡ I, ≡² III-n
2	1.6	7.1	6.5	5.1	0.0	708.3	707.0	705.5	95	90	95	SW 0	NW 0	S 0	10≡	10	10	.	≡² ⌓ I
3	3.7	11.8	7.6	7.7	2.8	705.5	**704.2**	706.3	95	72	95	S 0	W 0	NW 0	10≡	7	10	.	≡² I
4	6.3	11.4	7.6	8.4	3.7	708.5	710.0	713.1	95	88	94	NW 0	NE 0	N 0	10≡	10	10	0.2	≡² ⌓ I, n ●°
5	4.8	11.4	6.1	7.4	2.8	714.0	714.8	715.1	95	88	96	SE 0	SE 0	NE 0	10≡	4≡	10≡	.	≡², ≡ II
6	5.6	9.2	5.7	6.8	2.4	713.4	711.8	712.3	96	95	95	W 0	NW 0	N 0	10≡	10≡	10≡	.	⌓ I, ≡², ≡ II
7	6.6	**12.5**	8.4	9.2	5.0	712.1	713.0	715.2	96	79	97	SE 0	NE 0	W 0	9	4	2	.	●° 12½
8	3.6	12.3	9.0	8.3	4.2	715.2	714.4	716.1	96	79	95	S 0	W 0	W 0	10≡	4	7	1.9	≡² ⌓ I
9	8.6	10.4	8.8	9.3	5.4	719.0	719.2	722.5	95	93	94	NE 0	NE 0	NE 0	10●	10	10	3.0	● n-9½, 17-19
10	8.0	9.0	8.3	8.4	4.6	**723.0**	722.6	722.5	93	90	94	NE 0	E 1	NE 0	10	10	10	.	
11	7.7	10.0	4.6	7.4	3.8	721.2	719.4	718.6	94	73	95	E 0	SW 0	SE 0	10	2	3	.	
12	2.5	6.8	5.6	5.0	1.6	718.5	717.5	717.9	96	92	96	SE 0	N 0	NE 0	10≡	3	10	.	≡² ⌓ I
13	1.6	4.6	0.6	2.3	−1.0	718.0	718.2	718.4	91	63	78	NE 1	E 1	NE 1	5	2	1	.	
14	−1.1	4.0	−0.4	0.8	−2.3	717.5	716.2	716.4	87	67	90	NE 0	E 1	NE 0	3	5	1	.	⌊ I
15	−2.7	2.0	−1.2	−0.6	−3.6	715.6	714.0	713.6	91	61	79	NE 0	ENE 2	E 0	1	1	1	.	⌊ I, ⸗ II
16	−2.1	−1.2	−2.0	−1.8	−4.6	714.3	712.6	712.1	90	78	76	NE 1	NE 1	SE 0	10	10	5	.	
17	−3.6	0.3	−1.9	−1.7	−4.4	710.9	710.3	710.4	94	75	95	SE 0	E 0	E 0	7	10	4	.	⌊ I
18	−2.2	1.7	−0.6	−0.4	−2.9	710.4	710.7	713.5	97	77	88	E 0	NE 1	NE 1	10	1	10	.	⌊ I
19	−2.2	1.8	0.7	0.1	−2.3	715.0	715.2	716.2	88	74	89	N 0	NE 0	NE 1	9	8	10	.	
20	−1.1	1.8	−0.5	0.1	−2.1	716.2	716.2	716.5	98	67	86	NE 1	NE 2	NE 1	10	8	7	.	⸗ II
21	−1.7	−0.4	−1.2	−1.1	−3.2	715.8	715.1	715.6	94	87	96	NE 0	NE 1	NW 0	10≡	10	10	.	≡ I
22	−2.3	−1.0	−3.8	−2.4	−4.3	715.4	713.8	713.8	93	87	100	W 0	N 0	N 0	10	9≡	10≡	.	p n ≡
23	**−5.1**	−2.4	−3.4	−3.6	−5.4	713.6	712.9	713.1	100	96	98	W 0	SW 0	SW 0	10≡	10	10	.	≡ I
24	−3.8	−0.6	−3.0	−2.5	−4.2	712.3	711.1	709.8	95	85	96	SE 0	SE 0	SE 0	10≡	2	1	.	≡ I
25	−2.2	4.2	0.7	0.9	−0.6	709.3	708.5	709.2	96	**54**	98	SW 0	SW 0	SSE 0	8	9	10	2.6	✳ 16-17
26	1.1	5.9	0.8	2.6	1.2	709.8	710.0	710.2	96	75	96	SE 0	W 0	S 0	9	7	10≡	3.3	≡ III
27	1.0	2.9	4.3	2.7	1.5	706.1	706.7	711.2	96	96	83	S 0	S 0	SW 0	10●	10≡	10	**7.6**	● n-11½, 15½-n, ≡ II
28	3.5	5.9	3.3	4.2	3.1	712.5	713.8	713.4	95	74	97	W 0	W 0	W 0	10●	10	10●	7.4	● n-I, III-n
29	3.3	5.8	5.1	4.7	3.7	710.0	709.9	710.5	97	97	95	SW 0	W 0	SE 0	10●	10●	10	3.3	● n-II
30	3.5	4.3	0.1	2.6	1.8	710.5	712.1	715.0	94	84	91	NE 0	NE 1	ENE 0	10	3	1	.	
Mittel	1.5	5.3	2.6	3.1	—	713.4	713.0	713.7	94	80	92				9.0	6.9	7.4	Summe 29.3	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$. $G = 0.06\,^m/_m$.

Neuchâtel.

November 1918.
Observatorium

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.6	6.5	3.2	4.4	−3.1	717.3	716.2	716.2	90	85	98	NW 1	S 1	N 1	10	10	6	.	≡° III
2	4.8	6.6	6.6	6.0	−1.4	715.7	714.8	714.1	98	91	98	NE 1	NW 1	N 0	10	10	10	0.4	●° 14-20
3	5.6	7.3	7.5	6.8	−0.4	712.9	**712.2**	714.0	100	98	100	NE 0	SE 1	NW 1	10≡	10≡	10	.	≡² n-p
4	7.4	9.7	8.6	8.6	1.6	716.0	717.6	720.7	100	96	100	NE 0	NE 0	N 0	10≡	10	10	1.0	a ≡², ● 8½-20
5	6.6	8.3	7.0	7.3	0.4	721.9	722.7	722.8	100	100	100	NE 1	NE 0	NE 1	10≡	10≡	10≡	.	≡²
6	6.8	8.1	7.8	7.6	0.9	721.1	719.4	719.6	100	100	100	NW 1	S 1	N 1	10≡	10≡	10≡	.	≡², ●° 22
7	7.0	**12.6**	8.6	9.4	2.9	720.0	720.6	722.7	100	100	86	N 1	SW 1	W 1	10≡	4	0	.	a ≡²
8	6.5	11.9	9.6	9.3	2.9	722.7	722.1	723.6	100	81	97	NW 1	S 1	NW 0	10≡	5	10	**15.3**	≡ n-10½, ● 18-n
9	9.4	10.5	9.4	9.8	3.6	726.6	728.0	730.3	100	97	96	NE 1	NE 1	N 1	10●	10●	9	5.3	● n-15½
10	8.4	10.3	9.0	9.2	3.2	**730.9**	730.4	730.5	89	81	90	NE 1	E 2	N 1	10	9	10	.	
11	8.6	11.8	5.6	8.7	2.8	728.8	727.3	726.4	78	70	93	NW 1	S 1	NW 1	10	3	5	.	≡° III
12	4.4	7.9	6.7	6.3	0.6	726.2	725.4	725.6	100	82	84	NE 1	E 1	E 2	10≡	7	8	.	≡ n-10½, ⸗ III-n
13	2.8	6.5	2.1	3.8	−1.8	725.7	725.8	726.3	76	**50**	69	NE 3	E 3	E 2	3	0	0	.	⸗ n-p
14	1.0	5.4	1.7	2.7	−2.7	725.2	724.4	724.1	69	62	70	E 2	E 2	NE 2	5	7	3	.	≡° n-II
15	−0.4	4.2	0.0	1.3	−4.0	723.5	721.8	721.3	67	53	81	E 2	E 3	E 3	2	0	2	.	p ⸗
16	−1.4	0.3	−0.6	−0.6	−5.7	721.5	720.6	720.1	73	70	74	NE 2	E 2	NE 1	10	9	10	.	
17	**−2.2**	0.4	0.1	−0.6	−5.5	718.7	718.2	718.2	74	75	80	NE 1	E 1	N 1	8	10	8	.	✳° 12½
18	−0.9	3.8	−0.2	0.9	−5.7	718.2	718.5	721.3	90	71	71	NE 1	E 2	E 1	10	6	3	.	
19	−0.7	3.2	1.0	1.2	−3.4	722.7	723.0	724.2	79	69	80	NE 1	NE 2	NE 2	8	9	7	.	✳° 7-8, 10-11
20	−0.4	3.9	0.9	1.5	−2.9	724.0	724.1	724.5	87	57	67	E 2	E 3	NE 3	2	3	8	.	p ⸗
21	−0.7	0.0	−1.6	−0.8	−5.1	723.8	723.2	723.5	79	75	88	NE 2	NE 1	NE 1	10	10	10	.	
22	−1.4	0.1	−1.0	−0.8	−4.9	723.3	721.9	721.6	84	80	82	NE 1	NE 1	NE 1	10	10	10	.	
23	−2.0	−0.9	−1.7	−1.5	−5.5	721.3	721.1	721.0	87	88	94	NE 1	NE 1	NE 1	10	10	10	.	≡° II
24	−0.7	3.0	−1.2	0.4	−3.5	720.6	718.8	717.8	87	79	92	NE 1	SE 1	N 1	10	7	10	.	≡° II
25	−0.6	2.1	3.2	1.6	−2.1	717.0	716.5	716.7	96	89	95	NE 1	NE 1	NE 1	10	10	10●	5.5	✳° 14-14½, 16½, ● 14½-n
26	3.4	6.8	3.0	4.4	0.8	717.3	717.8	717.7	93	77	95	NW 1	SE 1	N 1	9	5	10	6.9	≡° II
27	3.6	4.5	5.2	4.4	1.0	713.6	714.3	719.2	98	98	82	NW 1	NW 0	NW 1	10●	10●	10●	13.7	● n-16, III-n
28	4.0	6.3	4.2	4.8	1.6	720.4	721.8	721.1	91	76	85	NW 1	W 1	SW 1	10	9	10	9.0	●° n-9, 19-n
29	4.3	5.8	5.6	5.2	2.1	717.8	717.8	718.0	93	94	95	W 2	W 2	NW 1	10●	10●	10●	8.9	●, n ●
30	4.3	5.3	1.8	3.8	0.9	718.3	719.8	722.9	95	76	72	NE 1	NE 2	NE 2	10	8	0	.	
Mittel	3.0	5.7	3.7	4.2	—	721.1	720.9	721.5	89	81	87				8.9	7.7	7.6	Summe 66.0	

November 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	3.7	6.9	2.0	4.2	-2.7	719.6	718.5	718.7	87	66	100	E 0	SE 0-1	NE 0	10	5	0	.	≡° I
2	1.4	7.3	7.4	5.4	-1.4	718.5	717.5	716.6	95	69	87	N 0	NE 0	NW 0	6	4	10	.	
3	6.0	10.4	15.0	10.5	3.9	715.0	**713.9**	715.1	98	77	37	N 0	N 0	SE 2-3	3	5	0	.	⌒ 18-n
4	8.4	12.1	8.8	9.8	3.3	717.6	719.0	722.9	99	74	100	NW 0	NW 0	NE 0	7	10	7	.	
5	8.7	12.3	17.0	12.7	6.4	724.1	724.9	723.6	89	70	30	NW 0-1	N 1	SE 2	5	2	5	.	⌒ III-n
6	18.0	**20.2**	19.2	19.1	12.9	722.2	723.3	721.1	29	27	**25**	SE 2-3	SE 3-4	SE 3-4	6	6	0	.	a ⌒, p n ⌒
7	17.2	17.0	10.4	14.9	8.9	722.8	722.5	724.9	33	40	84	S 3-4	NW 0	NW 0	9	7	0	.	⌒ I
8	9.7	12.2	8.4	10.1	4.3	724.4	724.6	726.2	83	75	95	N 0	NW 0-1	NE 0	7	2	0	.	
9	8.3	11.8	10.9	10.3	4.6	729.9	730.1	732.7	97	87	93	NE 0	N 0	N 0	8	8	9	.	≡° II
10	9.8	11.2	9.5	10.2	4.7	**733.6**	733.4	732.7	100	81	95	N 0	N 0	N 0	10	10	10	.	≡° III-n
11	7.7	10.2	4.9	7.6	2.2	731.5	730.8	730.1	64	60	90	E 0-1	N 0	E 0	9	2	1	.	≡° I
12	5.3	8.2	6.9	6.8	1.6	728.8	728.9	728.3	95	75	94	NE 0	N 0	E 0	10	6	10	.	≡° III
13	6.2	6.6	4.9	5.9	0.8	729.1	729.1	729.2	80	80	84	N 0	NW 0	NW 0	10≡	10≡	10≡	.	≡
14	3.6	4.3	3.6	3.8	-1.1	728.9	727.8	726.7	78	65	86	NW 0-1	N 0	NW 0	10≡	10≡	10	.	≡ n-II
15	2.4	3.2	-0.8	1.6	-3.2	726.5	725.7	724.2	79	60	95	N 0	N 0	N 0	10	10	0	.	
16	-2.3	2.1	-2.0	-0.7	-5.4	723.8	723.1	722.2	95	69	80	NE 0	NW 1	N 0	9	1	0	.	
17	-2.7	2.2	-0.8	-0.4	-4.9	720.2	721.0	720.6	92	69	86	N 0	N 1	N 0	8	9	0	.	
18	-0.9	3.2	2.0	1.4	-3.0	720.7	721.3	723.4	81	70	77	NW 0	N 1	NW 0	10	7	10	.	n (18/19) ✳°
19	0.2	3.0	1.4	1.5	-2.5	725.4	726.2	727.3	84	65	85	NW 0	N 1	N 0	10	10	10	.	≡° III
20	-0.2	3.3	0.2	1.1	-3.0	727.8	727.8	727.3	75	54	75	S 0	N 0	SE 0	8	3	4	.	
21	-0.4	2.4	1.3	1.1	-2.9	727.2	726.2	725.8	85	65	76	NE 0	W 1	NW 0	10	9	8	.	≡°
22	-0.4	2.2	1.3	1.0	-2.8	726.2	725.2	724.2	84	73	82	S 0	N 0	E 0	10	10	10	.	≡°
23	-1.3	2.2	-3.1	-0.7	-4.4	724.0	723.9	722.7	87	70	86	NE 0	N 0	NE 0	10	10	2	.	≡° n-II
24	-1.4	0.8	**-3.6**	-1.4	-4.9	723.2	721.6	720.6	99	83	94	N 0	NW 0	NW 0	10	10	0	.	
25	-2.1	4.0	2.1	1.3	-2.1	719.3	719.4	719.4	90	66	69	NE 0	N 0	E 0	7	1	10	1.0	n (25/26) ✳°
26	1.1	4.9	1.3	2.4	-0.9	720.4	719.8	720.4	99	80	95	NW 0	NW 0	NW 0	10●	2	10	1.3	● n-I
27	2.8	4.6	7.2	4.9	1.8	716.1	716.4	721.0	85	100	46	NE 0	N 0	NE 0-1	10	10●	10	16.9	●
28	3.4	5.3	3.4	4.0	1.0	722.6	724.8	723.3	100	85	96	N 0	N 0	NW 0	10●	10	10	12.9	● I, n
29	2.0	3.1	3.7	2.9	0.1	719.7	720.8	720.7	100	100	100	N 0	NE 0	NW 0	10●	10●	10	**17.3**	● n-16
30	4.4	5.2	4.2	4.6	1.9	720.5	721.9	724.9	100	75	63	N 0	N 1-2	E 0-1	10	9	9	0.2	
																		Summe	
Mittel	3.9	6.8	4.9	5.2	—	723.7	723.6	723.9	85	71	80				8.7	6.9	5.8	49.6	

November 1918.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02$ m/m.

1	3.4	9.5	3.4	5.2	-1.8	724.7	723.3	723.4	93	73	93	SE 0	SE 0	SSW 0	10	2	0	.	△ III
2	3.6	7.4	6.3	5.1	-1.7	723.2	722.3	721.0	97	89	93	E 0	W 0	SSW 0	10	10	4	0.1	≡ 10
3	5.6	9.0	7.9	6.7	0.1	720.2	**719.4**	721.0	98	86	92	W 0	SSW 0	SSW 0	10≡	10	10	1.0	a ≡², n ●
4	6.8	11.7	8.7	8.7	2.3	723.0	725.1	727.9	95	87	96	SSE 0	W 0	SW 0	10●	9	3	0.8	●° 7½-9
5	7.5	10.4	9.3	8.8	2.5	728.7	730.1	729.9	98	93	96	SSE 0	SSE 0	NE 0	10≡	10	10	0.1	a ≡
6	8.6	11.2	8.4	9.3	3.2	728.0	726.7	726.9	96	88	99	SE 0	SE 0	SE 0	10	9	10≡	0.1	≡² 20-n
7	7.5	**13.0**	11.4	9.9	4.0	727.0	728.6	730.3	98	82	88	S 1	SW 0	SW 0	10≡	9	4	.	a ≡²
8	5.3	11.3	10.0	8.9	3.2	730.2	729.3	731.2	98	85	95	SE 0	SSW 0	SSW 0	10≡	9	10	12.8	a ≡², ● 16½-22½, n
9	10.6	11.8	9.8	10.5	4.9	733.5	734.9	737.0	97	99	99	NNE 0	NNE 1	NNE 0	10●	10●	3	4.6	● I-15
10	8.5	11.3	10.1	9.4	4.0	**737.8**	737.3	737.5	96	77	87	NE 0	NNE 1	SE 0	9	9	10	.	
11	8.9	10.9	6.2	9.0	3.8	736.2	734.4	733.7	90	85	92	SE 0	NNE 1	SE 0	10	0	0	.	
12	5.4	8.3	8.4	6.5	1.4	733.3	732.4	732.2	94	82	79	S 0	NE 1	NNE 2	10	10	10	.	⌒ III-n
13	5.6	6.3	4.7	6.2	1.3	732.1	732.6	732.6	73	66	63	NNE 2	NNE 1	NNE 2	9	9	9	.	⌒ I, 14-n
14	2.6	4.2	3.7	3.6	-1.1	732.3	731.4	731.1	77	71	71	NNE 1	NNE 1	NNE 1	9	8	9	.	
15	2.5	3.4	2.8	2.9	-1.7	730.1	729.0	728.2	75	70	64	NE 1	NNE 1	NNE 1	10	9	10	.	
16	0.6	1.9	1.0	1.2	-3.2	728.1	727.4	727.4	72	65	68	NNE 1	NNE 1	NNE 1	10	8	10	.	
17	-0.1	3.2	-0.3	1.1	-3.2	726.1	725.5	725.3	81	66	87	E 0	NNE 0	SSW 0	9	9	0	.	✳° 10
18	-0.2	4.8	2.8	1.9	-2.2	725.3	725.3	727.4	91	67	66	SE 0	NNE 0	NNE 2	9	2	9	.	⌒ 15-n
19	0.8	6.1	2.6	3.0	-1.0	729.0	728.7	729.6	74	**53**	72	NNE 2	NNE 2	NNE 2	0	1	8	.	⌒
20	2.0	3.6	2.8	2.8	-1.0	730.3	730.8	731.6	71	60	66	NNE 2	NNE 1	NNE 1	9	9	10	.	⌒ n-I
21	1.7	2.0	0.9	1.7	-1.9	730.9	730.3	731.0	69	71	73	NNE 1	NNE 1	NNE 1	10	10	10	.	
22	0.0	1.8	0.6	0.9	-2.6	730.4	729.3	729.0	82	76	86	SE 1	N 1	SE 0	10	10	10	.	
23	-0.5	1.6	1.0	0.5	-2.8	728.6	728.3	728.3	94	73	83	SE 0	NNE 0	SE 1	10	10	10	.	
24	**-2.4**	5.2	2.0	1.2	-2.0	728.1	726.3	725.1	92	63	79	SE 1	SE 0	SSW 0	9	3	10	.	
25	2.3	3.6	3.7	3.1	0.0	724.5	724.2	724.6	84	90	96	SW 0	S 0	E 0	10	10●	10●	5.8	● 13½-16, 19-22
26	1.9	7.8	3.1	4.0	1.1	724.8	725.3	725.3	98	70	97	SSW 0	S 0	SW 0	9	3	10	11.8	n (26/27) ●
27	4.4	9.4	6.0	6.0	3.2	720.9	722.7	726.7	97	81	73	SW 0	S 1	SSW 1	10●	9	10●	14.7	● 7½-10, 13-14, 21-22½, n
28	3.4	9.2	5.5	5.4	2.8	728.5	729.7	729.6	97	66	81	SSW 0	SSE 1	SW 0	7	9	10●	9.8	● 10, 14½, 20-22½, n
29	4.6	6.0	6.2	5.3	2.8	726.4	726.4	725.7	95	97	94	NW 0	NNW 0	NNW 1	10●	10●	10	**14.8**	● 7½-20, n
30	6.0	6.8	4.0	5.9	3.5	725.1	726.3	729.8	97	88	67	SSE 0	NNE 1	NNE 1	10	9	0	0.3	●° 8-9½
																		Summe	
Mittel	3.9	7.1	5.1	5.2	—	728.2	728.1	728.7	89	77	83				9.3	7.8	7.6	76.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

November 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.3	7.0	2.4	3.9	−2.0	716.8	715.9	715.8	90	65	98	SW 1	SW 0	NE 0	10	6	0	0.1	≡° I, III
2	1.4	7.2	6.8	5.1	−0.6	715.4	714.3	713.8	100	76	97	NW 0	W 1	E 0	10≡	7	10●	1.7	a ≡, ≡° II, ● 16–n
3	5.2	9.1	8.2	7.5	1.9	712.6	**711.5**	713.2	100	88	98	SE 0	N 1	N 0	10≡	6	10	0.1	a ≡, ≡° III
4	7.0	11.2	9.0	9.1	3.7	715.2	717.1	719.9	100	82	98	N 1	SW 1	SE 1	10≡	10	5	0.1	a ≡, ≡° III
5	6.1	8.8	7.0	7.3	2.1	721.1	722.3	722.2	100	94	100	S 1	SW 0	E 0	10≡	10	10≡	0.2	≡ a, III–n, ≡° II
6	6.4	10.4	7.0	7.9	2.8	720.8	718.8	718.6	100	85	98	E 1	NW 0	SE 1	8≡	9	2	.	≡ n–9½
7	6.2	**13.0**	8.7	9.3	4.4	719.5	720.1	722.4	100	76	95	SE 0	W 1	S 1	7	10	7	.	a ≡°
8	7.5	11.3	8.4	9.1	4.4	722.1	721.4	723.0	100	81	97	E 0	NW 1	NE 0	10≡	6	6	2.8	a ≡, ●° 20, ≡° III, n ●
9	8.6	10.2	9.1	9.3	4.7	726.1	727.4	729.8	100	89	91	NW 0	W 0	N 0	10	10	10	1.1	≡° I, a ●°, ● 22–n
10	7.4	10.1	8.8	8.8	4.4	**730.7**	729.9	729.5	95	82	88	N 0	NW 0	NE 0	10	10	10	.	
11	8.4	11.9	4.1	8.1	3.8	728.4	726.8	725.8	76	61	95	W 1	NW 0	SW 0	10	7	0	.	
12	3.6	6.4	5.9	5.3	1.2	725.6	725.6	725.8	100	98	91	S 0	N 1	NE 2	10≡	10●	10●	0.9	≡ n–8½, ≡°–II, ●° 11–n,
13	1.3	5.8	0.5	2.5	−1.4	726.5	726.8	727.0	75	51	80	NE 2	N 1	SW 0	1	1	1	.	a ⸙ [⸙ III–n
14	−1.2	5.7	−0.1	1.5	−2.3	725.6	724.5	724.6	82	54	81	N 1	NE 1	NE 1	1	2	5	.	⊔ I
15	−2.0	5.8	−1.3	0.8	−2.8	723.4	722.2	722.1	81	**50**	74	E 0	NE 1	NE 1	0	2	0	.	⊔° I
16	−2.0	1.2	−1.2	−0.7	−4.1	721.1	720.1	719.6	76	63	76	NE 2	NE 2	NE 1	3	7	7	.	⸙
17	**−4.4**	0.0	−0.4	−1.6	−4.9	718.5	717.8	718.0	96	75	92	E 0	E 1	NW 0	4	10	10	.	⊔ I, ✳° 15–p
18	−0.6	1.2	−0.2	0.1	−3.0	717.9	718.9	721.2	91	79	86	NE 0	NE 1	NE 1	10	10	10	.	≡° I
19	−2.2	0.4	0.4	−0.5	−3.5	722.7	723.4	724.5	81	82	85	N 1	NW 1	NE 1	10	10	10	0.2	✳° 8–III
20	−1.2	2.6	−0.8	0.2	−2.6	724.6	724.6	724.6	89	62	74	N 1	NE 1	NE 1	1	6	3	.	⊔ I
21	−1.7	1.8	−0.5	−0.1	−2.8	723.7	722.7	723.0	83	65	82	NE 1	SE 1	NE 1	10	4	10	.	
22	−0.8	0.0	−1.2	−0.7	−3.2	722.7	721.5	721.0	82	75	84	NE 1	NE 1	W 1	10	8	10	.	
23	−2.6	−1.0	−1.2	−1.6	−4.0	720.8	720.1	719.9	96	86	97	SW 1	NW 0	N 0	10	10	10	.	
24	−2.8	−0.7	−3.8	−2.4	−4.6	720.2	718.8	717.8	95	80	97	W 0	NW 0	E 1	10	8	1	.	
25	−2.7	2.4	2.2	0.6	−1.5	716.7	716.1	716.4	100	72	97	N 0	W 0	E 0	10	5	10●	0.8	⊔ I, ≡°–II, △° 17, ●°–n
26	2.8	8.6	1.3	4.2	2.2	716.9	717.2	717.3	95	60	98	S 1	NW 1	N 0	10	3	9	0.7	●° n–9, ≡° III
27	2.2	3.2	5.4	3.6	1.8	713.5	713.3	717.9	99	100	70	E 0	S 1	SW 1	10●	10●	10	**11.6**	● 6–19, ≡ 10–11, ⸙ 20
28	3.6	5.4	5.2	4.7	3.0	719.4	720.8	719.9	99	80	68	W 0	SW 1	SW 1	10	10	10	5.5	● n–10, ●° 14–17
29	5.2	6.4	4.2	5.3	3.8	715.9	716.4	717.7	77	90	96	W 2	W 1	NE 0	10●	9	9	2.9	● ⸙ n–11
30	2.6	4.6	1.0	2.7	1.3	718.2	719.7	722.9	85	66	80	NE 0	NE 1	NE 1	10	5	1	.	
																		Summe	
Mittel	2.1	5.7	3.2	3.6	—	720.8	720.5	721.2	91	76	89				8.2	7.4	6.9	28.7	

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

November 1918.
Beobachter: *Hospenthal.*

1	3.4	3.6	1.8	2.9	2.4	610.9	611.0	611.2	36	59	88	W 2	W 1	W 1	1	10	3	.	
2	2.4	7.2	3.6	4.4	4.0	610.4	610.1	610.1	43	34	86	SW 0	S 1	W 1	3	5	10●	2.0	● 17–n
3	5.0	8.0	6.2	6.4	6.1	609.2	608.9	609.7	60	48	47	W 0	S 1	S 3	5	7	3	.	⸙ III
4	5.2	6.0	5.4	5.5	5.3	611.7	612.7	615.5	62	68	68	S 2	S 2	S 0	10	10	10	.	
5	7.4	9.6	8.2	8.4	8.3	617.1	618.4	618.4	53	43	45	S 1	S 0	S 3	10	1	0	.	⸙ III–n
6	**10.4**	9.8	8.8	9.7	9.7	617.2	615.8	616.1	40	35	46	S 4	S 4	S 4	10	10	5	.	⸙
7	7.6	8.6	3.6	6.6	6.8	616.2	616.4	617.5	50	54	90	S 2	S 1	S 0	7	5	1	.	≡° 20–n
8	3.8	7.6	4.8	5.4	5.7	617.4	617.1	618.4	81	55	80	W 0	S 0	W 1	3	1	3	.	
9	3.0	4.4	1.6	3.0	3.4	620.2	621.3	623.0	98	82	100	W 0	W 0	W 0	5	10	10●≡	5.2	p ≡°, ● ≡ 18–n
10	1.8	2.6	2.8	2.4	2.9	**623.4**	623.0	622.8	100	100	50	E 1	E 0	E 0	10	10	0	.	≡° I, p
11	3.8	4.0	3.6	3.8	4.4	621.5	620.7	619.7	50	46	50	W 1	W 2	W 1	0	5	1	.	
12	2.4	2.4	1.8	2.2	2.9	619.0	618.4	618.1	29	26	100	W 1	W 0	W 0	3	1	10≡	.	≡ 17–n
13	−3.4	−3.0	−4.4	−3.6	−2.8	617.7	617.6	617.7	96	100	43	E 1	E 1	E 2	0	10	0	.	≡° 8–p
14	−3.2	−3.4	−4.6	−3.7	−2.8	616.3	615.6	615.4	30	43	45	E 2	E 2	E 3	3	3	1	.	≡° ⸙ 17–n
15	−6.6	−7.6	−5.8	−6.7	−5.7	614.0	613.1	612.9	72	100	55	E 3	E 0	SE 3	0	10	0	.	⸙ I, III–n, p ≡°
16	−7.2	−6.0	−7.4	−6.9	−5.8	611.3	610.8	609.8	63	65	55	SE 4	SE 4	SE 4	0	0	0	.	⸙
17	−7.0	−4.8	−6.8	−6.2	−4.9	609.9	609.4	609.9	48	49	95	S 2	S 0	W 1	7	10	10	0.5	n (17/18) ✳°
18	−5.8	−6.2	**−8.6**	−6.9	−5.5	609.9	609.9	611.7	67	65	100	W 0	W 0	W 0	10	5	10≡	.	≡ 16–n
19	−8.4	−4.8	−8.0	−7.1	−5.6	612.8	613.8	614.3	100	72	100	E 2	E 0	E 2	10	10	10	.	≡ 15–20
20	−8.0	−3.6	−1.8	−4.5	−2.9	614.4	614.7	615.3	100	31	26	E 2	E 2	E 2	0	0	0	.	≡° 15–16
21	0.2	1.0	0.0	0.4	2.1	614.4	614.2	614.5	22	21	21	E 4	E 2	E 0	0	0	0	.	⸙ I
22	−0.4	1.8	0.8	0.7	2.5	614.7	613.8	613.4	**19**	23	21	W 0	S 0	S 0	0	0	0	.	
23	−2.2	−1.8	−4.6	−2.9	−1.0	613.0	612.2	612.1	21	23	38	SE 0	NE 0	E 0	0	0	0	.	
24	−6.8	−2.6	−5.6	−5.0	−3.0	612.2	610.8	610.3	45	34	55	W 0	S 1	SE 1	0	0	0	.	
25	−3.6	−1.8	−4.2	−3.2	−1.1	609.6	609.6	609.9	54	57	99	SW 0	W 1	W 2	7	5	10*	1.1	✳ ⸸ 18–n
26	−5.0	−3.0	−4.4	−4.1	−1.9	610.0	610.6	610.7	99	97	96	W 2	S 1	SE 0	10	5	10	2.0	n (26/27) ✳
27	−1.0	−0.6	−4.2	−1.9	0.4	607.4	**607.3**	611.0	96	97	97	W 1	W 3	W 3	10	10*≡	10*≡	31.8	p n ✳² ≡ ⸸ ⸙ ✳
28	−3.6	−4.2	−4.8	−4.2	−1.8	611.0	613.3	613.0	100	100	100	W 3	W 2	W 3	10*≡	10*≡	10	**33.5**	✳² ≡ n–II, ⸙ I, III–n ✳
29	−2.0	−1.4	−2.4	−1.9	0.6	609.6	610.1	611.0	100	100	100	W 4	W 2	W 0	10≡	10≡	10≡	16.3	⸙ I, ≡ ✳ ✳
30	−3.6	−4.0	−8.0	−5.2	−2.7	611.0	611.6	613.6	100	100	100	W 0	W 0	E 0	10≡	10	0	.	≡ I, ≡°–p ✳
																		Summe	
Mittel	−0.7	0.6	−1.1	−0.4	—	613.8	613.7	614.2	64	61	70				5.1	5.8	4.6	92.4	

November 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H_b = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-7.8	5.4	-2.4	-1.6	-1.0	617.8	616.3	617.1	75	50	79	S 0	S 3	— 0	1	7	0	.	⸙ II
2	-6.8	7.2	2.5	1.0	1.8	616.9	615.8	616.6	90	41	75	S 0	S 2	S 1	0	3	8	.	
3	-0.8	7.8	3.7	3.6	4.6	616.6	615.9	618.1	90	61	86	S 0	S 2	— 0	5	2	7	0.3	
4	2.0	7.4	4.0	4.5	5.7	619.4	620.7	623.2	95	67	85	W 0	NW 0	— 0	10	10	9	0.8	n a ●°
5	3.4	**9.3**	1.6	4.8	6.2	625.6	626.2	627.3	88	70	87	SW 0	S 3	— 0	10	3	0	.	⸙ II
6	-1.8	8.2	4.4	3.6	5.2	626.3	624.6	624.5	91	69	84	NW 1	SW 3	SW 1	8	7	5	0.5	⸙ II, n ●°
7	4.8	6.6	3.2	4.9	6.7	623.7	624.3	624.8	90	77	88	W 1	SW 1	— 0	9	10	9	0.6	n (7/8) ●°
8	0.8	5.6	3.4	3.3	5.3	624.3	624.3	625.1	94	85	90	NW 0	S 1	— 0	9	10	10	0.4	●° ≡° II
9	-2.2	7.8	0.6	2.1	4.3	626.8	626.6	628.7	95	60	83	S 0	NW 2	— 0	3≡	3	0	.	≡ I
10	-6.4	6.8	-2.0	-0.5	1.9	**629.6**	629.4	629.5	90	61	77	N 0	W 1	— 0	0	1	0	.	
11	-5.6	7.5	-2.6	-0.2	2.3	627.8	625.6	625.6	86	**34**	70	W 1	N 1	— 0	0	4	7	.	
12	-6.4	7.3	0.0	0.3	3.0	624.6	623.1	623.0	75	35	65	W 1	W 2	NE 1	4	9	1	.	
13	-5.8	2.4	-5.0	-2.8	0.1	623.4	622.5	623.4	86	44	85	N 0	W 2	N 4	1	1	0	.	⸙ III
14	-8.0	0.8	-6.0	-4.4	-1.3	622.3	620.4	621.3	88	53	68	N 1	N 2	NE 1	10	1	0	.	
15	-12.4	-2.4	-9.0	-7.9	-4.6	620.5	618.4	620.3	85	55	75	NW 1	E 0	NE 2	0	1	0	.	
16	-11.8	-5.1	-9.4	-8.8	-5.3	619.3	618.3	617.9	85	66	83	W 0	S 2	— 0	10	6	8	0.6	n (16/17) ✳°
17	-8.8	-4.0	-6.8	-6.5	-2.8	617.2	616.4	616.6	92	71	84	NE 0	S 1	— 0	10	10*	9	.	✳° II
18	**-15.0**	-3.8	-7.4	-8.7	-4.9	615.9	614.9	616.8	86	69	70	SE 0	SE 0	— 0	0	0	0	.	
19	-11.8	-2.4	-6.8	-7.0	-3.0	618.1	618.2	620.9	76	56	72	E 0	N 1	N 2	1	2	7	.	
20	-13.8	-2.9	-9.8	-8.8	-4.6	621.5	620.6	622.1	85	64	75	N 0	N 1	— 0	0	0	0	.	
21	-13.5	-1.0	-10.0	-8.2	-3.8	621.6	621.5	622.1	83	47	69	SW 0	SW 1	— 0	0	0	0	.	
22	-12.8	-4.2	-12.4	-9.8	-5.2	621.8	621.7	621.7	80	79	81	W 0	S 1	NW 1	0	0	0	.	
23	-14.1	-5.0	-12.0	-10.4	-5.7	619.9	618.3	620.5	88	70	85	W 0	S 2	— 0	0	0	0	.	
24	-14.8	-3.3	-11.0	-9.7	-4.8	619.2	617.4	616.8	85	59	75	W 0	W 1	— 0	0	0	0	.	
25	-13.8	-2.1	-7.0	-7.6	-2.5	616.0	615.2	615.6	86	49	75	E 0	W 1	— 0	0	1	4	.	
26	-9.2	-0.6	-9.0	-6.3	-1.0	615.9	616.2	617.2	86	55	75	NE 0	W 1	— 0	3	1	10	.	
27	-6.6	-2.4	-1.2	-3.4	2.0	615.1	**614.3**	615.5	85	85	74	SE 0	W 2	— 0	10	10*	10	1.5	✳ 9½-p
28	-4.4	-0.8	-6.8	-4.0	1.6	617.0	617.9	618.7	95	80	83	N 0	N 1	— 0	10	9*	10	**4.3**	✳
29	-5.2	-1.0	-1.8	-2.7	3.1	615.6	614.5	615.6	96	82	68	N 1	NE 1	— 0	10	10*	9	**4.3**	✳
30	-14.0	-3.8	-5.4	-7.7	-1.7	616.4	616.5	617.2	87	66	71	SE 0	SE 1	W 1	8	5	10*	0.3	✳° III
Mittel	-7.5	1.5	-4.0	-3.3	—	620.5	619.9	620.8	87	62	78				4.4	4.2	4.4	Summe 13.6	

November 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H_b = 540^m$, $G = 0.00\,^m/_m$

1	0.2	7.5	4.1	3.9	-2.9	712.5	710.9	712.2	92	55	73	NE 0	SE 0-1	NE 0	5	5	0	.	⌊⌋ I
2	1.2	11.5	7.7	6.8	0.2	711.6	709.5	708.9	85	39	69	NE 0-1	S 0	NE 0	2	10	10	.	⌊⌋ I
3	5.0	14.2	10.4	9.9	3.5	**707.2**	711.1	710.0	89	41	59	E 0	E 0	E 0	2	8	8	.	
4	9.2	16.5	9.2	11.6	5.4	709.8	711.3	715.0	64	42	83	NE 0-1	SW 1	E 0	10	10	2	.	
5	10.0	17.2	12.8	13.3	7.2	716.6	716.6	717.7	71	38	52	NE 0-1	SE 0-1	NE 0-1	9	0	4	.	
6	11.8	**21.1**	14.5	15.8	9.9	715.8	713.2	715.3	54	**27**	45	NE 0-1	NE 3-4	NE 0-1	8	7	10●	0.2	⸙ II, ●° III
7	11.7	16.3	9.4	12.5	6.8	715.0	715.0	717.3	67	48	79	E 0-1	SE 0-1	E 0	10	10	0	.	
8	5.7	14.7	10.0	10.1	4.6	717.2	715.0	717.8	99	43	80	NE 0	E 0	NE 0	1	0	9	.	
9	7.7	13.5	10.3	10.5	5.2	720.2	720.9	723.8	87	58	97	NE 0	SW 0-1	SW 0	8	4	10	.	△ I
10	9.2	14.1	7.6	10.3	5.2	725.5	723.7	**726.7**	98	39	88	E 0	S 0-1	E 0	10	0	10	.	△ I
11	3.6	10.8	5.9	6.8	1.9	723.9	721.4	720.9	96	42	75	NE 0-1	SE 0-1	E 0	0	0	2	.	⌊⌋ I
12	2.6	9.4	6.1	6.0	1.3	721.2	719.0	718.4	86	55	90	E 0-1	SW 1-2	E 0	3	1	10	.	⌊⌋ I
13	4.4	8.7	5.4	6.2	1.6	719.5	719.0	718.8	82	56	72	SE 0-1	SW 1-2	E 0	10	0	10	.	
14	3.6	4.9	3.7	4.1	-0.3	719.2	717.2	717.1	86	77	81	SW 0	SW 1-2	NW 0	10	10	10	.	
15	2.8	4.6	1.7	3.0	-1.2	717.0	714.9	714.9	98	73	88	SE 0-1	SW 0-1	NE 0	10	10	7	.	
16	0.2	5.6	-0.9	1.6	-2.5	715.5	714.1	714.4	55	35	73	N 0-1	SW 0-1	SE 0-1	0	0	0	.	⌊⌋ I
17	0.0	4.8	0.6	1.8	-2.1	713.4	712.2	713.7	43	36	53	E 1	S 0-1	E 0	3	10	9	.	⌊⌋ I
18	-2.8	3.7	1.0	0.6	-3.1	709.6	711.5	713.4	73	48	66	SE 0	SW 0-1	NE 0	0	0	10	.	⌊⌋ I
19	0.2	4.9	-0.2	1.6	-1.9	714.9	715.2	716.0	87	55	62	NE 0-1	S 0-1	E 0	10	1	0	.	≡° III
20	-3.6	2.7	-1.6	-0.8	-4.1	716.9	717.3	717.9	85	57	77	NE 0-1	SW 1-2	E 0	0	0	0	.	⌊⌋ I, ≡° III
21	-3.6	2.2	-1.6	-1.0	-4.2	717.1	716.5	718.8	84	56	81	NE 0	SW 0-1	E 0	0	0	0	.	≡° III
22	-4.7	2.0	-2.1	-1.6	-4.6	716.8	715.2	717.4	92	60	80	E 0-1	SW 1	E 0	0	1	0	.	⌊⌋² I
23	**-5.4**	0.7	-2.2	-2.3	-5.1	715.2	715.2	715.1	93	81	87	NE 0	SW 0-1	E 0	0	0	0	.	⌊⌋ I
24	-4.4	4.0	0.0	-0.1	-2.7	716.2	713.7	713.4	69	31	42	NE 0-1	SE 0-1	E 0	0	0	0	.	⌊⌋ I, ≡° III
25	-0.4	4.1	1.3	1.7	-0.8	712.2	711.1	712.4	51	42	98	NE 1	S 0-1	SW 0	1	9	10	.	
26	-0.8	0.4	1.7	0.4	-1.9	712.6	712.8	712.6	100	57	78	SE 0	SW 0-1	SW 0	10	3	10	4.3	
27	0.6	1.6	3.5	1.9	-0.2	711.1	713.8	713.3	100	97	87	NE 0-1	SW 0-1	NE 0	10*	10●	10●	8.0	✳ n-I, ●
28	2.8	6.0	4.2	4.3	2.3	716.2	715.8	717.3	98	72	68	SW 0	S 0	NE 0-1	10●	6	10	12.0	● n-I
29	0.6	2.2	3.9	2.2	0.4	713.9	713.5	712.2	100	99	97	SE 0-1	S 0-1	NE 0	10*	10●	10●	**15.5**	✳ n-I, ●
30	2.8	6.0	2.2	3.7	2.1	712.6	712.0	714.9	100	95	82	SE 0	SE 0	— 0	10●	10	0	0.2	●° I
Mittel	2.3	7.9	4.3	4.8	—	715.6	714.9	715.9	83	55	75				5.4	4.5	5.7	Summe 40.2	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03^{m/m}$.

Lugano.

November 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	4.8	12.0	6.4	7.7	−0.9	737.4	734.9	736.3	87	47	86	N 0	S 0	N 0	4	0	0	.	≡° n–I
2	4.0	12.8	8.8	8.5	0.1	735.8	735.2	735.4	86	46	84	N 0	S 0	N 0	0	0	10	.	
3	6.0	12.4	10.4	9.6	1.3	734.7	734.4	736.5	90	52	90	N 0	S 0	NW 0	2	0	10●	23.0	●² III–n
4	10.0	10.2	9.6	9.9	1.8	737.9	740.3	742.5	92	90	90	NW 0	SW 0	NW 0	10●	10●	10	19.5	●² n–16½
5	9.8	14.2	9.4	11.1	3.2	744.5	744.4	746.1	90	65	85	NW 0	S 0	N 0	8	0	0	.	
6	8.4	12.8	11.2	10.8	3.0	744.6	743.8	743.1	87	78	90	N 0	N 0	NW 0	2	10	10●	**37.2**	p n ●²
7	10.4	11.4	10.4	10.7	3.1	743.1	743.1	743.5	90	87	90	NW 0	NW 0	NW 0	10●	10●	10	10.2	● n–15½
8	10.4	11.6	11.0	11.0	3.6	743.3	743.3	743.9	89	90	90	NW 0	NW 0	NW 0	10●	10●	10≡●	9.5	● n–22, ≡ III–n
9	11.0	**14.6**	10.4	12.0	4.7	746.0	745.4	747.1	90	66	89	NW 0	S 0	NW 0	10≡	0	10	.	≡ I
10	9.6	12.4	10.0	10.7	3.6	748.4	748.0	**748.9**	81	60	85	N 0	S 0	N 0	10	0	0	.	
11	6.4	12.6	9.6	9.5	2.5	746.9	744.5	744.3	83	53	85	N 0	S 0	NW 0	0	0	10	.	
12	6.2	12.8	7.8	8.9	2.1	743.1	741.0	741.9	80	46	73	N 0	S 0	N 0	0	0	6	.	
13	4.4	11.4	9.2	8.3	1.6	742.5	742.0	742.5	87	57	74	N 0	S 0	NW 0	0	0	10	.	●° 23
14	6.4	7.4	5.6	6.5	0.0	743.7	743.1	743.8	46	43	54	NW 0	NW 0	NW 0	10	10	10	.	
15	4.4	7.0	4.6	5.3	−1.1	742.5	741.7	743.5	63	**35**	52	NW 0	NW 0	NW 0	10	10	10	.	
16	2.6	4.2	1.8	2.9	−3.3	743.1	742.4	741.8	65	43	60	NW 0	NW 0	NW 0	10	10	10	.	
17	0.6	4.2	3.0	2.6	−3.4	740.6	739.0	739.5	75	60	67	NW 0	NW 0	NW 0	10	10	10	.	
18	1.2	6.2	0.8	2.7	−3.2	736.8	734.0	735.0	77	40	60	N 0	S 0	N 0	0	0	0	.	⊔ I
19	0.0	8.0	0.2	2.7	−3.0	736.5	736.0	736.8	70	45	85	N 0	S 0	N 0	0	0	0	.	⊔ ⊔ I
20	−0.8	7.4	0.0	2.2	−3.4	741.3	741.2	742.4	80	43	85	N 0	S 0	N 0	0	0	0	.	⊔ ⊔ I
21	1.6	6.2	3.6	3.8	−1.6	743.2	742.9	744.8	83	43	70	N 0	S 0	NW 0	10	0	10	.	⊔ I
22	2.0	3.0	−0.2	1.6	−3.7	746.2	745.9	745.3	75	46	65	NW 0	NW 0	NW 0	10	10	10	.	
23	0.4	3.4	−1.8	0.7	−4.4	744.2	743.2	744.0	71	43	50	N 0	N 0	N 0	10	10	0	.	
24	−2.0	4.8	0.2	1.0	−4.0	741.4	739.1	738.7	60	39	60	N 0	N 0	N 0	2	0	10	.	⊔ ⊔ I
25	**−2.4**	5.2	0.8	1.2	−3.7	736.5	735.3	736.3	75	43	63	N 0	N 0	N 0	0	0	0	.	⊔ ⊔ I
26	1.0	5.0	0.6	2.2	−2.6	737.1	737.5	738.1	80	56	80	N 0	N 0	N 0	10	0	0	.	⊔ ⊔ I
27	0.4	5.8	2.0	2.7	−1.9	736.2	734.6	735.2	84	55	80	N 0	N 0	N 0	0	10	10≡	.	⊔ ⊔ I, ≡ III–n
28	−0.4	6.4	1.0	2.3	−2.2	736.6	736.4	738.0	87	60	87	N 0	S 0	N 0	0	0	0	.	≡ ⊔ n–I
29	3.0	8.2	2.0	4.4	0.1	736.0	**732.9**	733.4	77	46	85	N 0	S 0	N 0	10	0	0	.	
30	1.4	7.2	0.6	3.1	−1.1	735.8	735.2	737.2	83	50	83	N 0	S 0	N 0	10	0	0	.	⊔ I
Mittel	4.0	8.7	5.0	5.9	—	740.9	740.0	740.9	79	54	77				5.6	3.7	5.9	Summe 99.4	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13^{m/m}$.

Basel.

November 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	1.9	10.4	4.8	5.7	−0.7	735.4	733.5	733.8	89	**64**	92	S 1	SE 1	E 1	9	9	0	.	
2	3.0	11.0	7.9	7.3	1.1	733.2	731.8	731.9	95	69	93	SE 1	E 1	E 1	6	10	10●	2.5	● 15–22
3	7.5	13.9	11.0	10.8	4.7	730.3	**729.0**	730.8	97	72	84	E 1	SE 1	SE 2	6	6	10●	0.6	●° 8–9, 21–22
4	8.8	10.7	9.7	9.7	3.8	734.3	736.0	738.2	94	92	95	SE 0	NW 1	SE 0	10	10●	10	2.6	●° 4½–5, ≡° I, ● 9–19
5	8.7	**14.9**	10.0	11.2	5.5	739.1	739.8	740.2	94	75	89	SE 2	E 1	SE 2	6	0	0	0.1	
6	8.3	13.3	8.1	9.9	4.3	739.1	737.4	737.3	93	79	97	SE 1	NW 0	S 0	10	9	0	.	n ●°, ≡° I
7	7.6	11.3	11.5	10.1	4.7	738.2	739.3	741.2	92	90	93	SE 0	NW 0	NW 0	10	10●	10	.	≡° I, ●° II
8	8.2	13.2	11.0	10.8	5.5	740.5	739.3	741.8	97	77	97	E 1	E 1	S 0	7	5	10	6.2	● 17–23
9	9.5	11.4	10.1	10.3	5.2	745.3	746.4	749.4	98	80	95	SW 0	NE 1	W 1	10●	10	10	2.4	● 0½–10½
10	7.6	8.6	8.5	8.2	3.2	**750.5**	749.6	749.1	100	92	94	NW 0	W 0	W 0	10≡	10	10	0.1	≡ n–11
11	7.9	11.2	5.6	8.2	3.3	747.6	745.9	745.4	91	69	91	S 0	W 0	SE 1	10≡	6	0	.	≡ I
12	4.3	6.2	5.9	5.5	0.8	745.3	745.0	745.6	97	91	95	S 0	SW 0	NW 0	10	10	10	1.5	≡° n–II, ● 11–12, 14–18
13	0.8	6.0	2.6	3.1	−1.5	746.6	746.3	746.7	96	67	74	NW 0	N 0	E 1	10	4	0	.	
14	−1.2	1.6	2.6	1.0	−3.4	745.3	744.1	744.1	94	89	66	NW 0	N 0	SE 1	10	5	0	.	≡ 8½–11
15	−2.6	4.2	1.0	0.9	−3.4	743.1	741.6	741.7	96	66	67	NE 0	S 1	SE 1	4	4	0	.	⊔ I
16	−2.8	−0.2	0.6	−0.8	−4.9	741.0	739.9	739.0	85	76	72	W 0	NW 0	E 0	7	10	5	.	⊔ I
17	−3.0	2.0	−0.2	−0.4	−4.4	737.8	736.8	737.4	96	72	93	SW 0	SW 0	W 0	6	8	10	1.5	✳ 14–19½ ⊠
18	−0.4	0.0	−0.2	−0.2	−4.0	737.9	739.2	741.4	92	89	85	NW 0	N 1	W 1	10	10	10	.	⊠
19	−0.8	0.4	0.4	0.0	−3.7	742.7	743.4	744.4	89	89	93	NW 0	NW 0	W 0	10	10	10	.	✳° 8–11½
20	−1.2	2.3	0.0	0.4	−3.1	744.4	743.6	744.0	96	84	74	W 0	W 0	NE 0	10≡	3	2	.	≡ n–11½
21	**−4.0**	3.2	−0.8	−0.5	−3.9	743.2	741.8	742.2	95	76	89	NE 0	E 1	E 1	5	2	10≡	.	≡° ⊔ I, ≡ III–n
22	−0.2	2.8	−1.0	0.5	−2.5	741.4	739.8	740.0	81	**64**	84	SE 1	E 1	E 1	7	2	0	.	≡° ⊔ I
23	−2.2	1.6	−2.0	−0.9	−4.0	739.6	739.1	739.3	92	79	96	E 1	NE 0	E 0	10	2	0	.	
24	−2.2	3.0	0.0	0.3	−2.7	738.5	736.8	735.9	94	70	85	E 1	E 1	SE 1	3	2	0	.	≡° ⊔ I
25	0.2	4.6	2.4	2.4	−0.4	735.0	734.1	734.4	81	66	89	E 1	E 1	E 1	10	8	10	2.1	● 16–19½
26	2.6	7.0	2.5	4.0	1.3	735.6	736.1	735.6	96	83	95	SE 0	E 0	SE 2	10	5	10	3.8	● 4½–6½
27	3.8	4.2	6.6	4.9	2.4	730.9	732.0	736.5	97	97	80	E 1	SE 0	SW 0	10●	10●	10	**12.2**	● 5–15, 22–24
28	6.0	7.0	4.4	5.8	3.4	738.5	739.8	738.5	91	80	93	SW 0	SW 0	SE 0	10	9	10●	10.0	● 1–4½, 19–n
29	7.3	10.8	4.6	7.6	5.3	734.1	735.1	736.8	95	85	93	W 1	NW 1	W 1	10●	7	10	1.0	● n–11½
30	3.0	4.2	1.0	2.7	0.5	737.9	739.6	742.6	97	90	100	NW 0	NW 1	NW 1	10	10	10≡	.	≡ III–n
Mittel	2.9	6.7	4.3	4.6	—	739.7	739.4	740.2	93	79	88				8.5	6.9	6.2	Summe 46.6	

November 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	2.2	-2.5	-3.4	-1.2	2.0	559.6	559.5	559.3	34	91	87	WNW 2	WSW 4	WSW 3	1	5	1	5.3	⸗ II
2	-1.2	0.0	-1.1	-0.8	2.5	558.7	559.0	558.3	75	71	100	WSW 2	SW 3	SW 4	2	3	10≡*	.	* 18½-n, ⸗ ≡
3	0.2	3.6	1.4	1.7	5.2	558.1	558.3	560.2	90	78	75	WSW 3	S 0	SSW 2	8	7	3	.	[20½-n
4	0.8	1.7	0.6	1.0	4.6	561.0	562.3	564.4	79	80	81	SSW 3	S 3	SW 3	9	9	4	.	
5	1.4	5.4	4.2	3.7	7.4	566.0	567.9	568.1	80	75	65	SW 3	SW 3	SW 3	7	4	1	.	
6	5.0	6.3	3.5	4.9	8.8	567.7	566.2	565.9	66	59	70	SSW 3	SW 2	SSE 3	9	7	4	.	⸗ 10½
7	1.8	4.3	-0.2	2.0	6.0	565.7	565.0	566.1	74	65	74	SSW 3	SSW 4	SW 2	7	7	1	.	⸗ II
8	-0.9	2.2	-0.6	0.2	4.3	565.7	565.5	566.9	80	82	78	SSW 2	SSW 2	SW 1	9	1	3	.	
9	-1.9	2.4	-0.6	0.0	4.3	567.9	569.1	570.6	87	85	90	SSW 2	SW 1	SW 0	2	7	10≡	.	≡ 11-n
10	-2.6	3.5	0.3	0.4	4.8	571.2	571.0	570.9	100	74	60	NE 0	SE 0	WNW 2	10≡	1	1	.	≡ n-9½, a ∽
11	-1.2	0.0	-2.0	-1.1	3.4	569.2	568.3	567.6	79	75	65	WSW 4	W 4	WSW 3	1	4	3	.	⸗
12	-3.5	-3.3	-5.4	-4.1	0.5	566.3	565.8	565.1	70	80	90	WSW 3	SW 2	WNW 0	6	10	8	1.3	≡ 15-21, ⊎ III, n *
13	-7.1	-5.6	-6.7	-6.5	-1.7	564.3	564.6	564.5	35	35	36	N 2	NNE 2	NNE 2	1	1	0	.	
14	-7.1	-5.6	-8.2	-7.0	-2.1	563.5	562.9	562.4	65	47	77	NNE 2	NE 1	NE 2	3	6	1	.	
15	-8.7	-9.7	-10.1	-9.5	-4.5	560.8	559.9	560.0	40	44	65	NE 3	NE 2	NE 1	1	0	1	.	
16	-10.2	-10.1	-12.2	-10.8	-5.7	558.7	557.9	557.1	70	78	82	E 1	E 2	S 1	1	1	1	.	
17	-13.1	-9.2	-10.9	-11.1	-5.9	556.5	556.3	556.4	82	80	100	WSW 1	SSW 0	WSW 2	3	9	10≡*	1.4	* 15-n, ≡ 20-n
18	-11.8	-8.7	-13.0	-11.2	-5.8	556.3	556.8	557.7	92	90	90	WSW 1	SW 0	SW 1	10≡	1	4	.	a V, ≡ n-21
19	-12.8	-10.8	-13.4	-12.3	-6.8	559.0	560.2	560.8	100	100	98	NE 2	NNE 0	ENE 1	10≡	9≡*	9≡	1.1	* 9-14, V° ≡, ⊎ 21-n
20	-7.0	-5.1	-5.0	-5.7	-0.1	562.0	562.8	563.2	40	37	46	ENE 3	ENE 3	ENE 3	0	1	1	.	
21	-4.6	-2.1	-2.4	-3.0	2.7	562.7	562.6	562.9	45	35	47	NE 3	NE 1	ENE 0	1	0	0	.	
22	-2.8	-1.0	-1.5	-1.8	4.0	562.4	562.0	561.8	40	20	26	NE 2	NE 1	SE 0	0	0	0	.	
23	-3.6	-1.6	-8.6	-4.6	1.3	560.8	559.9	558.9	29	25	52	ENE 1	NE 2	SSW 3	0	0	0	.	
24	-11.1	-6.9	-10.7	-9.6	-3.5	558.6	557.9	557.1	60	68	75	SSW 2	SSW 2	SW 1	1	1	2	.	[11½-12, 19-n
25	-10.7	-7.8	-8.2	-8.9	-2.7	556.4	556.5	556.5	90	97	100	WSW 1	WSW 3	WSW 3	1	9	10≡*	9.9	≡ n-11½, 21-n, *
26	-8.1	-7.5	-8.8	-8.1	-1.8	557.1	557.9	557.7	98	82	83	WSW 1	WSW 1	WSW 2	10≡*	1	7	1.9	* n-9, ≡ n-10
27	-5.1	-5.0	-8.6	-6.2	0.2	555.5	554.1	557.1	100	100	100	WSW 3	WSW 4	W 3	10≡*	10≡*	10≡*	41.2	a ⸗, ≡ *² V, p ⸗, ⸗²
28	-8.6	-8.3	-9.5	-8.8	-2.3	558.7	559.7	559.1	100	100	100	WSW 1	W 1	WSW 3	10≡*	10≡*	10≡*	32.3	⸗ a, 15-n, ≡ *² V
29	-6.3	-6.4	-8.2	-7.0	-0.4	556.1	557.2	557.8	100	100	100	WSW 3	WSW 2	WNW 1	10≡*	10≡*	10≡*	30.2	≡ *² ⸗ V
30	-9.1	-9.7	-13.7	-10.8	-4.1	557.6	558.2	559.6	100	95	97	WSW 1	SW 0	NE 0	10≡	3	10≡	0.4	≡ *° n-11, V, ≡ 16-n
Mittel	-4.9	-3.3	-5.4	-4.5	—	561.5	561.5	561.8	73	72	77	.		.	5.1	4.6	4.5	Summe 125.0	

November 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14$ m/m.

1	-2.6	2.0	-2.8	-1.1	0.6	588.3	587.9	587.6	40	36	58	N 0	N 0	N 0	1	5	0	.	
2	-2.2	2.7	-0.6	0.0	1.8	587.3	587.5	587.5	45	40	84	S 0	S 1	S 1	1	5	9	.	
3	-0.4	2.2	0.4	0.7	2.7	587.0	588.0	589.0	82	67	100	S 1	S 1-2	S 2	5	10	10*	7.8	* 19-n
4	0.0	0.9	0.4	0.4	2.5	590.2	591.6	594.1	97	84	97	S 1	S 1	S 0	10*	10*	10≡	14.3	* n-16½, ≡-n
5	1.2	2.4	2.4	2.0	4.3	596.2	597.1	598.1	97	91	80	S 1	S 1	S 1	10≡	10≡	10	2.9	≡ n-15, *
6	3.8	2.7	2.3	2.9	5.3	596.5	595.7	595.5	58	80	82	S 1	S 1-2	S 1-2	9	10≡	10	15.8	p ≡
7	-0.9	1.9	0.8	0.6	3.2	595.0	594.9	595.3	97	84	97	S 0	S 1	S 0	10*	10*	10≡	7.2	* n-14½, * ●-16½,
8	0.9	1.6	1.3	1.3	4.0	594.4	594.6	595.9	97	94	96	S 1	S 1	S 1	10≡	10≡	10≡	14.8	≡ * [≡ III-n
9	1.2	4.1	1.0	2.1	5.0	596.9	597.7	599.4	96	70	97	S 0	S 0	N 0-1	10≡	10	10≡	1.9	≡ n-11, 17-n, ●
10	-0.3	4.3	1.0	1.7	4.7	599.9	599.9	600.0	96	42	53	N 2	S 1	S 0	2	0	0	.	
11	1.4	4.5	0.7	2.2	5.3	598.1	597.2	596.5	28	27	40	N 2	N 1	N 2	0	0	6	.	
12	-1.4	0.1	-4.4	-1.9	1.4	595.1	594.2	593.8	46	51	92	N 1	N 2	N 1	0	2	10≡	1.5	≡ 17-n, n *
13	-5.5	-4.7	-7.1	-5.8	-2.4	592.8	593.2	593.2	85	88	84	N 2-3	N 2	N 1-2	1	10	0	.	⸗ I, ≡ 10-p
14	-4.3	-3.2	-3.4	-3.6	0.0	591.8	591.1	591.5	91	30	35	N 2	N 2	N 2	0	2	0	.	
15	-7.6	-6.2	-8.6	-7.5	-3.8	589.6	589.2	589.7	55	70	84	N 1	S 0	S 0	0	10≡	10≡	2.7	≡ * 11-n
16	-9.8	-8.0	-10.5	-9.4	-5.6	588.9	588.5	587.8	82	83	82	S 0	S 1	S 1	10≡	10*	10	2.7	≡ I, * 11-14½
17	-10.9	-8.8	-10.7	-10.1	-6.1	586.7	586.2	586.4	80	82	80	S 0-1	S 1	S 0	10*	10*	7	5.6	* n-15
18	-10.7	-7.2	-9.4	-9.1	-5.0	585.1	585.3	586.4	70	58	82	N 2-3	N 2	N 2-3	4	0	10≡	0.5	⸗ I, ≡ ⸗ 17-n, n *°
19	-10.3	-8.4	-9.6	-9.4	-5.1	587.3	588.4	589.8	80	82	80	N 3	N 3	N 2	10≡	10≡	10≡	0.3	⸗ ⸗ *° ≡
20	-6.3	-3.6	-3.9	-4.6	-0.2	590.4	590.7	591.7	83	24	19	N 2	N 2	N 1	0	0	0	.	
21	-4.9	-0.4	-4.8	-3.4	1.1	591.4	591.3	592.1	22	20	29	N 0	N 0	N 0	0	0	0	.	
22	-9.6	-8.9	-5.8	-8.1	-3.5	591.4	591.6	591.4	54	90	18	N 0	S 2	S 0	0	10≡	0	.	≡ 10-15
23	-7.8	-9.0	-10.4	-9.1	-4.3	589.6	589.1	589.6	13	73	38	S 0	S 0	S 0	0	10≡	0	.	≡ 9-17
24	-10.8	-5.2	-9.9	-8.6	-3.7	588.4	587.4	586.7	46	40	56	S 0	S 1	S 0	0	2	0	.	
25	-7.4	-2.3	-6.5	-5.4	-0.4	585.5	585.6	585.9	46	38	54	N 0	N 0	N 1	0	0	0	.	
26	-7.5	-4.2	-5.2	-5.6	-0.5	586.0	586.7	587.0	59	59	55	N 0	N 0	N 0	4	0	2	1.3	n (26/27) *
27	-6.6	-4.9	-5.0	-5.5	-0.3	585.4	584.8	585.9	90	82	54	S 2	S 2	SE 4	10*	10*	10*	16.2	*, ⸗ III
28	-5.7	-5.6	-6.7	-6.0	-0.6	586.8	588.4	588.7	90	92	88	N 2	N 3	N 2	10*	10*	10*	18.8	*, ⸗ II
29	-4.3	-3.8	-4.8	-4.3	1.2	586.0	585.8	586.7	90	90	90	N 0	N 2	N 2	10*	10*	10≡	10.0	* n-15, ≡-n
30	-5.4	-5.6	-8.9	-6.6	-1.0	585.9	586.3	588.5	89	90	87	N 2-3	N 3	N 2	10≡	10≡	10≡	3.4	≡ * ⸗ ⸗
Mittel	-4.5	-2.3	-4.3	-3.7	—	590.5	590.5	591.1	70	65	70			.	4.9	6.5	6.1	Summe 127.7	Angaben über Schneebedeckung approximativ!

$\lambda = 7^\circ 26$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,^m/_m$.

Bern.

Dezember 1918.
Tellur. Observatorium.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−1.0	1.9	−2.0	−0.4	−1.1	718.1	717.9	719.3	88	68	97	SE 0	NE 1	NE 0	1	1	1	.	⊔ l
2	−4.5	−0.7	−2.4	−2.5	−3.1	718.7	717.2	717.0	98	97	90	NE 0	NE 0	NE 0	10≡	3	10≡	.	⊔ ≡² l, ≡² III-n
3	−3.8	1.2	1.9	−0.2	−0.6	716.1	715.9	716.0	96	96	93	S 0	SW 0	SW 0	7≡	10	10	.	⊔ ≡ l
4	2.9	10.3	1.7	5.0	4.7	716.5	716.0	717.4	96	65	98	SE 0	S 0	E 0	9	7	4≡	.	≡² III-n
5	−1.4	6.4	−0.4	1.5	1.3	716.9	715.6	714.9	97	71	97	E 0	E 0	NE 0	4≡	2	4	.	⊔ ≡ l
6	−2.8	4.6	−1.5	0.1	0.1	712.3	710.8	710.9	97	83	96	E 0	E 0	NE 0	9≡	5≡	3≡	.	⊔ ≡² l, ≡
7	−2.6	3.7	−1.0	0.0	0.1	712.5	711.9	710.7	96	90	95	W 0	W 0	N 0	4≡	5≡	10≡	.	⊔ l, ≡, ≡² III-n
8	−1.2	5.6	2.0	2.1	2.3	710.4	710.9	712.9	96	85	96	N 0	SE 0	N 0	9≡	8	7	.	⊔ ≡ l
9	−0.7	3.6	3.4	2.1	2.4	714.9	715.4	715.7	96	95	94	N 0	N 0	SE 0	10≡	10=	7≡	0.6	≡² l, ≡, ●° 19-20
10	2.4	7.3	2.8	4.2	4.7	715.7	715.8	717.1	95	88	94	W 0	W 0	NW 0	10≡	9	10≡	.	≡² ⌓ l, ≡² III
11	5.9	6.9	5.1	6.0	6.6	717.9	715.0	712.4	85	71	92	SW 0	SW 0	W 0	10	10	10	5.0	● 14½-n
12	3.6	7.7	5.4	5.6	6.3	716.2	716.8	716.5	93	84	92	W 0	W 0	W 0	4≡	10	10	5.5	≡ l, p ●
13	10.2	11.0	10.2	10.5	11.3	717.5	717.7	719.9	86	88	94	W 1	W 1	W 0	10	10	10	2.8	● 12-n
14	7.7	**11.6**	6.2	8.5	9.4	721.9	722.1	**722.9**	93	82	93	S 0	S 0	SE 0	3	8	6≡	.	≡² Ψ III-n
15	2.9	4.9	3.3	3.7	4.7	722.1	720.9	719.4	93	93	92	SE 0	SE 0	SE 0	10≡	10≡	10	.	≡² l, ≡-p
16	1.4	5.4	6.4	4.4	5.5	718.6	717.2	715.7	92	91	92	SE 0	S 0	W 0	10≡	8	10●	1.0	≡² l, ● 13, III
17	4.3	5.7	1.2	3.7	4.9	714.8	714.9	715.1	86	60	96	W 1	W 1	W 0	8	9	10●	2.1	● 8-8½, 18-n
18	0.4	4.3	2.1	2.3	3.6	714.3	711.5	705.2	90	61	93	W 0	SW 0	SW 0	7	10	10	9.2	● 17½-20½, n
19	8.6	6.6	0.6	5.3	6.6	**699.1**	700.3	701.8	64	**58**	97	SW 2	W 3	W 0	10	10	5	4.0	⸙ n-II, ● 9½-p, ✳ 20½-21
20	2.6	2.9	1.5	2.3	3.7	700.6	702.0	705.5	81	82	86	W 2	W 1	W 0	10*	10	9	8.4	⸙ l, a ⸸, ✳ 7-8, 14-15, n
21	0.5	0.8	−2.2	−0.3	1.2	711.9	713.8	712.8	91	91	94	W 0	W 0	SE 0	10	10	7	1.5	✳ 8 II, n ⊠
22	−2.0	−0.1	6.0	1.3	2.8	707.7	707.4	707.2	94	95	88	S 0	S 0	SW 2	10	10	10●	25.5	✳ n-12½, ●²-n, ⸙ III-n ⊠
23	9.8	9.6	6.9	8.8	10.4	705.7	703.3	704.9	86	90	81	SW 2	W 2	SW 2	10	10●	10	**39.5**	⸙, ●² 8½-n
24	2.2	2.0	2.1	2.4	4.0	706.5	705.3	704.9	96	98	98	S 0	SE 0	W 2	10●	10●	10●	6.5	● n-16½, ● △ ⸙ 21½-22
25	1.0	3.1	−0.8	1.1	2.8	708.6	708.6	710.2	88	60	89	W 0	SW 0	SE 0	7	4	1	.	
26	−1.7	0.4	−2.8	−1.4	0.3	713.0	714.5	717.0	77	81	97	S 0	NE 0	SE 0	9	3	1	.	
27	**−5.2**	−1.4	−2.4	−3.0	−1.2	717.6	716.3	715.6	94	68	86	SE 0	S 0	SW 0	8	3	10	.	⊔ l
28	−0.8	1.9	3.0	1.4	3.2	713.2	711.5	710.2	73	86	97	S 0	S 0	SW 0	9	10	10●	10.0	● 14-n
29	8.2	10.0	11.0	9.7	11.6	709.7	709.4	708.8	93	89	77	W 0	W 0	W 0	10●	10●	10	5.0	●
30	7.3	10.1	5.8	7.7	9.6	707.7	704.7	700.9	96	89	97	SE 0	SE 0	S 0	9	9	6	9.3	●
31	2.2	4.0	2.8	3.0	4.9	702.6	702.4	705.0	96	96	97	SW 0	S 0	SE 0	10	10	10	2.8	● n-II
																		Summe	
Mittel	1.8	4.9	2.5	3.1	—	712.9	712.3	712.4	90	82	93				8.3	7.9	7.8	138.7	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,^m/_m$.

Neuchâtel.

Dezember 1918.
Observatorium.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.2	3.6	0.3	1.4	−1.4	725.8	726.0	727.3	79	61	77	E 2	E 2	NE 1	0	0	0	.	
2	**−3.2**	−1.0	−1.2	−1.8	−4.5	726.6	725.5	725.2	96	94	100	NE 1	NE 1	NE 1	3	10	10≡	.	p ≡°, ≡ III-n
3	−2.0	0.5	2.3	0.3	−2.2	724.0	724.0	723.8	100	87	94	NE 0	NE 1	N 1	10≡	10≡	8	.	≡² l, ≡-p
4	2.0	7.8	3.6	4.5	2.1	724.3	723.8	725.1	98	81	97	N 1	NE 1	N 1	3	7	0	.	
5	0.9	1.9	1.5	1.4	−0.9	724.7	723.8	722.3	100	100	98	N 1	NE 1	NE 1	10≡	10≡	10=	.	≡²
6	0.6	1.9	0.5	1.0	−1.1	720.2	718.9	718.8	100	100	100	N 1	NW 1	N 1	10≡	10≡	10≡	.	≡²
7	1.5	2.7	2.3	2.2	0.2	720.2	719.9	718.5	100	100	100	NW 0	NW 1	NW 1	10≡	10≡	10≡	.	≡²
8	1.0	3.6	2.9	2.5	0.6	717.9	718.8	720.8	100	100	98	NW 0	NW 1	NW 1	10≡	10≡	10	.	≡² l, ≡-p
9	2.9	4.5	3.5	3.6	1.8	722.6	723.1	723.6	100	95	98	NW 0	NW 1	NW 1	10≡	10	9	.	≡ l, ≡² 8-12
10	3.8	4.6	5.3	4.6	2.9	723.4	723.7	724.7	100	97	87	NW 1	SW 1	NW 1	10≡	10≡	8	.	≡² n-9½, ≡-II
11	6.2	6.9	5.3	6.1	4.6	725.7	723.1	720.5	75	77	91	W 1	W 2	W 2	8	10	10●	8.5	p ⸙, ● 14-n
12	3.7	6.9	6.4	5.7	4.3	724.0	724.7	724.4	95	85	97	NW 1	W 1	SW 2	6	10	10	8.9	● 13-n
13	8.5	9.4	9.3	9.1	7.8	725.1	725.7	727.5	94	90	98	NW 1	W 1	NW 1	10	10	8	7.3	● n-19
14	8.0	**11.4**	6.9	8.8	7.6	729.5	730.0	**730.8**	92	84	91	W 0	E 1	N 1	4	8	7	.	
15	4.2	5.8	6.1	5.4	4.2	729.9	728.8	727.0	100	95	88	NE 0	NE 1	N 1	10≡	10	10	.	a ≡
16	6.1	8.8	8.1	7.7	6.6	726.3	724.9	723.5	91	79	81	W 1	W 2	W 2	9	9	9	.	●° III
17	5.5	5.7	2.8	4.7	3.7	722.7	722.9	722.9	75	60	91	NW 1	W 2	NW 2	10●	9	8	2.7	●° 7½-9, ● 16-n
18	2.2	4.4	3.7	3.4	2.5	722.2	719.4	713.3	82	63	91	NW 1	SW 2	SW 3	8	10	10●	19.8	●² ⸙ 16-n
19	7.0	6.8	2.2	5.3	4.5	**707.2**	708.0	709.5	89	**58**	87	SW 3	W 3	SW 2	10●	10	4	8.0	● ⸙ [✳ 21-n
20	1.8	3.5	0.7	2.0	1.2	708.5	709.6	713.5	94	77	96	SW 3	W 3	NW 1	10●	10●	10*	9.5	● ⸙ n-14, ✳° a, 15½-17, ⊠
21	1.2	1.3	−0.2	0.8	0.1	719.4	721.7	720.6	82	89	89	NW 1	NW 1	NW 1	9	10*	10	3.0	✳ n-II [⸙ III-n ⊠
22	0.3	1.4	5.8	2.5	1.9	715.3	715.1	715.4	94	96	95	NW 1	NW 1	SW 3	10*	10●	10●	**43.7**	✳ n-11, ● ✳-14, ●²-n, ⊠
23	8.7	8.7	7.1	8.2	7.6	713.9	711.3	712.8	94	95	82	W 2	W 3	W 3	10	10●	10	37.7	⸙ ●²
24	3.7	4.3	4.0	4.0	3.5	714.1	713.1	712.3	97	95	85	W 1	NE 1	W 2	10●	10●	10●	4.7	● n-9, 12-n
25	1.2	5.6	−0.2	2.2	1.7	716.4	716.3	717.8	71	59	80	N 1	SW 1	N 1	4	6	0	.	
26	−1.2	2.2	−1.0	0.0	−0.4	720.9	722.3	724.6	84	73	74	NE 1	NE 1	NE 1	10	4	0	.	
27	−1.4	−0.3	−0.5	−0.7	−1.1	725.3	724.7	723.5	76	76	79	NE 1	NE 1	NE 1	8	8	10	.	n (27/28) ✳°
28	0.7	3.1	5.8	3.2	2.9	721.2	719.4	718.3	85	88	97	W 1	W 1	W 2	10	10	10●	15.3	● 13-n
29	8.0	8.9	8.6	8.5	8.2	717.7	717.4	716.6	92	96	97	W 2	W 2	W 2	9	10●	10	14.2	●
30	9.2	9.7	9.4	9.4	9.2	715.4	712.7	708.3	95	96	82	W 2	W 1	W 2	10	10	8	1.3	● n-7, ●° 12½-14
31	3.9	5.0	3.2	4.0	3.8	710.3	710.0	712.6	93	87	95	W 1	W 1	NW 1	10●	9	10	1.4	● n-11, ●° 17-19, n
																		Summe	
Mittel	3.1	4.8	3.7	3.9	—	720.7	720.3	720.2	91	85	91				8.4	9.0	8.0	186.0	

Dezember 1918.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^\circ 39'$, $\beta = 46^\circ 53'$,
$Hb = 456.3^m$, $G = 0.05$ m/m.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.9	3.6	−0.7	1.3	−1.3	729.1	728.6	730.0	85	52	67	N 0	NW 0	NE 0	10	1	0	.	
2	−3.6	3.1	−0.1	−0.2	−2.7	729.3	728.9	727.8	90	89	89	SE 0	E 0	N 0	0	7	10	.	
3	−1.1	3.8	2.9	1.9	−0.4	725.8	726.1	726.2	98	76	93	N 0	NW 0	NW 0	1	9	10	.	n (3/4) ●°
4	1.4	7.9	5.2	4.8	2.6	726.8	725.9	727.9	100	68	**30**	N 0	NW 0	NW 0	10	1	10	.	
5	0.6	6.3	0.6	2.5	0.4	726.8	726.7	725.0	98	81	100	N 0	N 0	NE 0	10	0	10≡	.	≡² III–n
6	0.2	2.4	−0.4	0.7	−1.3	722.6	721.1	720.7	100	95	100	NE 0	N 0	N 0	10≡	10	10≡	.	≡² I, III–n, ≡°
7	−0.5	2.0	−0.5	0.3	−1.5	722.6	723.2	720.7	100	100	100	NE 0	N 0	NE 0	10≡	10	0	.	≡² I, ≡°–p
8	−1.3	2.1	5.6	2.1	0.4	720.8	721.4	722.6	100	100	69	NE 0	NW 0	E 0	8	8	0	.	≡° II
9	0.6	7.2	3.9	3.9	2.3	725.0	726.1	726.3	100	76	100	NE 0	N 0	NW 0	3	10	10	.	
10	1.6	7.2	4.0	4.3	2.8	725.8	726.1	726.7	100	70	66	NE 0	N 0	E 0	9	6	8	.	
11	3.9	7.2	5.0	5.4	4.0	728.0	726.0	721.7	90	75	100	N 0	N 0	NW 0	10	10	10●	16.9	● III–n
12	4.6	8.2	5.6	6.1	4.8	726.6	728.2	726.8	100	72	98	NE 0	N 0	N 0	10	10	10●	14.4	● III–n
13	6.5	8.1	**9.8**	8.1	6.9	726.5	727.3	728.6	100	100	100	NE 0	N 0	SE 0	10●	10●	10●	36.3	●²
14	8.9	7.4	6.9	7.7	6.6	732.3	733.6	**733.8**	92	70	89	N 0	N 0	NE 0	10	6	7	.	
15	1.4	6.7	0.8	3.0	2.0	732.5	731.2	729.2	99	84	100	NE 0	NW 0	NE 0	4	8	0	.	
16	2.7	5.2	2.8	3.6	2.7	729.2	727.9	725.8	100	85	90	NE 0	N 0	N 0	10≡	7	5	4.9	≡² I
17	3.9	5.7	2.8	4.1	3.3	725.3	724.9	724.5	98	92	94	NW 0	NE 0	N 0	10●	10●	10	5.4	● n–II
18	0.0	7.9	7.2	5.0	4.3	725.1	721.8	714.5	96	75	45	N 0	NW 1	SE 2–3	0	10	8	11.7	●, ⸗ III–n
19	5.0	5.4	5.4	5.3	4.7	**709.5**	709.6	710.4	87	62	96	NW 3	E 2	N 2–3	10●	10●	10●	12.6	⸗ I, III, ●
20	2.3	3.0	2.4	2.6	2.0	710.7	711.2	715.2	87	90	72	W 0	S 1	N 0	10	10	10	10.0	●, ⸗, n ✳
21	2.6	2.2	0.0	1.6	1.1	720.3	724.3	724.0	55	81	89	NW 1–2	E 0	NE 0–1	10	10✳	10	2.4	✳ 9–p ⊠
22	−0.8	0.2	0.8	0.1	−0.3	718.3	717.7	717.2	96	98	99	NE 0	NE 0	NW 0	10✳	10✳	10●	**53.2**	✳², ●² III–n ⊠
23	3.4	4.2	4.4	4.0	3.6	716.0	714.3	715.6	99	100	100	NE 0	E 0	E 0	10●	10●	10●	43.3	●² ⊠
24	2.8	3.1	2.2	2.7	2.4	716.9	716.0	714.6	97	94	100	NW 0	SE 0	N 0	10●	10●	10●	8.9	●
25	2.4	3.7	−0.5	1.9	1.6	718.4	718.7	720.9	65	47	58	N 0	NW 0–1	N 0	10	7	0	.	
26	−2.7	0.0	−3.0	−1.9	−2.1	723.9	725.3	728.0	62	56	57	NE 0	NE 0	E 0	1	2	0	.	
27	**−4.5**	−0.1	−3.3	−2.6	−2.8	727.4	727.5	725.8	63	46	67	NE 0	NW 0	NE 0	0	0	9	.	
28	−1.0	3.2	3.2	1.8	1.6	723.5	721.2	719.9	91	61	91	NE 0	NW 0	NW 0	10	10●	10●	38.7	●² II–n
29	4.5	6.1	5.4	5.3	5.2	719.2	719.2	719.8	99	100	99	W 0	NW 0	E 0	10●	10●	7	7.4	● n–II
30	4.3	9.0	3.7	5.7	5.6	720.1	716.0	711.1	97	85	99	N 0	N 0	NE 0	10	7	0	.	
31	6.2	4.2	2.5	4.3	4.2	711.4	713.0	715.7	75	95	100	NW 0	N 0	NE 0	10●	10●	7	13.9	● 7–p
																		Summa	
Mittel	1.8	4.7	2.7	3.1	—	723.1	722.9	722.5	88	80	86				7.9	7.7	7.1	280.0	

Dezember 1918.
Observatorium.

Genf.

$\lambda = 6^\circ 9'$, $\beta = 46^\circ 12'$,
$Hb = 405.0^m$, $G = 0.02$ m/m.

1	1.6	3.6	1.9	2.5	0.3	732.5	732.9	734.2	80	67	72	NNE 1	NNE 1	NNE 1	10	1	0	.	
2	0.4	3.0	−0.2	1.4	−0.7	733.6	732.5	732.4	81	72	89	SSW 0	NNW 1	SSW 1	10	1	0	.	
3	−0.8	1.3	2.1	0.6	−1.4	731.5	731.6	731.8	96	91	89	SE 0	W 0	SW 0	10	10	10	.	a ⌣²
4	0.0	7.9	2.0	3.6	1.7	732.0	730.9	732.4	97	**59**	93	SE 0	N 0	SSW 0	1	0	0	.	a ⌣
5	−0.6	2.3	0.6	0.9	−0.9	732.1	731.3	730.6	100	100	100	SSE 0	SSW 0	SSE 0	9	10≡	10≡	.	a ⌣², ≡²
6	−1.5	0.0	−0.6	−0.7	−2.3	727.7	726.4	726.5	100	97	100	SE 0	SSW 0	SW 0	10≡	10≡	10≡	.	≡²
7	−1.2	4.6	2.6	1.6	0.1	727.7	727.2	725.8	99	81	100	SW 0	SSW 0	SW 0	10	10	10≡	0.2	≡² 18–n
8	1.6	4.3	4.0	3.0	1.6	725.2	726.3	727.4	99	100	97	SW 0	SW 0	SE 0	10	10≡	10	0.1	≡ 9–14
9	3.6	5.2	4.8	4.3	3.0	730.1	730.7	731.1	100	98	93	SW 0	NNW 0	SSW 0	10≡	10≡	10	0.1	≡ n–14
10	3.2	4.6	4.9	4.3	3.1	731.0	731.3	732.5	99	99	93	SSW 0	SW 0	W 0	10≡	10≡	9	.	≡ n–15, ♆ 20
11	6.9	8.0	6.3	6.8	5.7	733.9	731.4	729.2	72	74	92	SSE 1	SSW 1	NE 1	5	10	9	10.6	● 14–n
12	4.6	6.8	6.5	5.9	4.9	731.8	733.1	733.1	97	94	97	NW 0	NW 0	SSW 0	9	10●	10●	9.8	● 11–n
13	7.2	11.0	10.2	9.0	8.1	733.8	734.2	735.9	97	95	93	SE 0	SW 0	SSW 0	9	9	9	0.1	
14	7.9	8.4	5.6	7.8	7.0	737.0	737.2	**738.0**	99	100	100	SSW 0	SW 0	SE 1	10≡	9	10≡	0.1	≡² n–12, 19–n
15	4.8	7.3	6.3	5.9	5.2	737.2	736.1	734.8	100	99	92	SSW 0	NNW 0	SE 0	10≡	9	8	.	≡ n–11
16	4.6	10.2	8.3	7.1	6.3	734.3	732.8	731.3	91	97	82	NE 0	SSE 0	SSE 0	3	8	9●	0.8	●° 19–22, n
17	6.1	6.9	3.6	6.0	5.4	731.1	731.2	730.9	75	66	87	SSW 1	SW 1	SSW 1	9	9	10●	1.8	● 19–22
18	2.0	5.0	3.6	2.9	2.4	730.4	728.2	723.1	91	78	95	S 0	S 0	SW 1	9	10	10●	**29.5**	●² 15–n
19	9.4	7.8	4.4	7.0	6.6	717.0	718.3	718.4	72	77	77	SSW 2	W 1	SW 2	10●	10●	10	5.4	⸗, ● 7½–17, n
20	3.4	5.1	2.7	3.9	3.6	718.5	719.4	721.5	83	63	93	SSW 1	SW 1	SW 1	9●	2	10●	9.8	● 7½–11, 17–III
21	1.4	4.4	0.8	1.8	1.5	728.0	729.9	728.6	91	77	86	SW 0	SW 1	SW 0	9	8	1	4.0	n (21/22) ✳
22	0.0	3.5	8.4	3.6	3.4	723.1	723.5	724.8	97	96	83	SW 0	NNW 0	SW 1	10	10●	10●	24.7	●² 9–15, 20–n ⊠
23	10.7	11.1	7.3	10.1	9.9	723.2	720.9	722.9	86	83	85	SSW 2	SSW 3	SSW 1	10●	10●	10●	26.2	●², ⸗ 1–18, n ●²
24	7.0	5.6	5.7	6.5	6.4	721.4	720.5	721.9	74	85	73	SSW 1	SSE 0	W 1	10	10●	10	3.6	● 9½–14, 17–18
25	2.9	7.2	−0.3	3.1	3.0	725.0	724.9	725.4	82	75	92	SSE 0	SW 1	SW 0	0	1	0	.	
26	−0.9	2.1	1.6	0.4	0.4	728.0	729.3	731.3	89	85	70	SSW 1	NNE 1	NNE 1	8	2	0	.	a ⌣²
27	**−1.6**	0.0	−0.7	−0.7	−0.6	732.8	732.2	731.6	82	77	89	SSW 0	NW 1	SSW 0	9	8	10	.	
28	−0.1	4.0	4.8	2.1	2.2	729.6	728.0	727.1	95	78	97	SE 0	NNE 0	S 0	10	10●	10●	8.0	● 13–n
29	6.4	9.6	8.7	7.8	7.9	726.3	725.9	725.7	94	93	98	SSE 0	E 0	NNW 1	9	9	10●	7.8	● 8–10, 14–16, 20–n
30	8.6	10.8	**11.7**	10.4	10.6	723.6	720.1	**716.2**	94	92	68	NNE 0	NNE 1	SW 1	9	6	9	10.2	● 17–19, n
31	4.2	6.4	4.7	5.4	5.6	718.2	717.6	720.1	91	88	87	SSW 1	SSW 1	SE 1	10●	3	9	1.5	● 7½–9, 18–20
																		Summe	
Mittel	3.3	5.7	4.3	4.3	—	728.6	728.2	728.3	90	87	89				8.9	7.6	7.8	154.3	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵, 13³⁵ u. 21³⁵.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\,^m/_m$.

Zürich.

Dezember 1918.
Meteorol. Zentralanstalt.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-1.0	4.0	-1.5	0.5	-0.7	726.1	725.9	727.0	92	66	86	N 0	NE 1	NW 1	7	2	0	.	⊔ I
2	-2.6	-0.9	-2.0	-1.8	-2.9	726.2	725.3	724.6	94	85	97	NE 0	NW 0	NW 0	10	10	8	.	a ⊔
3	**-3.6**	0.0	2.4	-0.4	-1.4	723.3	723.1	722.9	100	96	94	NW 0	SE 0	SE 0	10≡	8	10●	0.4	a ≡ ∨°, p ≡°, ●° 18-n
4	4.1	6.6	1.8	4.2	3.4	723.6	723.6	724.6	100	96	100	E 0	S 0	N 0	10	2	9≡	0.1	a ≡, ≡² 19½-n
5	0.1	6.8	-0.4	2.2	1.5	724.0	723.2	722.4	100	80	100	NW 0	NW 0	N 0	10≡	1	5≡	0.1	≡² n-12, 20-n, ≡° II
6	-1.2	1.3	-0.8	-0.2	-0.8	719.5	718.2	717.9	100	100	100	NE 0	W 0	NW 0	10-	10-	10≡	0.2	≡²
7	-1.4	4.8	-0.4	1.0	0.5	719.4	719.3	717.9	100	82	100	S 0	NW 0	NW 0	10≡	4	10≡	.	a ≡² ∨°, p ≡°, ≡² 16-24
8	1.4	4.1	3.1	2.9	2.6	717.7	718.5	719.7	100	92	96	W 0	S 0	NE 0	10	9	9	.	
9	2.2	5.7	5.2	4.4	4.2	721.6	722.4	723.0	100	84	100	W 0	W 0	NE 0	10	10●	10●	3.2	a ≡°, ●° 10, ● 13-n
10	4.2	6.9	4.6	5.2	5.1	722.7	722.8	723.5	100	95	99	E 0	W 1	E 0	10≡	8	8	1.5	a ≡², p ≡°, ≡ 17-20, n ●
11	5.4	7.7	5.4	6.2	6.2	724.6	722.6	719.6	88	63	89	W 1	SW 2	SW 1	10	10	10●	14.0	p ⸗, ● 14½-n
12	5.8	8.9	6.9	7.2	7.3	723.1	723.5	722.6	84	67	89	SE 0	NW 2	SW 1	10	7	10●	6.2	p n ⸗, ● 16-n
13	10.5	10.6	10.8	10.6	10.8	722.7	723.2	726.0	79	88	97	SW 3	SW 2	NW 1	10	10●	10●	6.3	● ⸗, n ●
14	9.0	**13.4**	6.1	9.5	9.8	728.6	729.6	**730.5**	91	67	97	SW 0	SW 0	E 0	9	3	1	0.2	●° 9½, ≡ 20
15	4.6	5.8	4.6	5.0	5.4	729.6	728.0	726.1	100	91	91	E 0	SW 0	SW 1	10≡	9	10	.	≡ I
16	4.6	9.4	9.0	7.7	8.2	725.5	724.1	722.4	91	71	71	SW 1	W 1	W 1	10	9	9	0.4	●° 14
17	5.2	5.8	3.2	4.7	5.3	721.7	721.6	721.6	79	71	84	SW 1	W 1	W 1	9	9	10●	0.9	●° n-10, 20-n, ⸗
18	2.7	5.9	2.4	3.7	4.4	721.4	718.2	712.5	78	**53**	87	SW 1	SW 2	SW 1	7	6	10	16.1	⸗, ● 16½-n
19	5.0	5.8	1.6	4.1	4.8	706.4	**706.2**	708.2	86	70	90	W 2	SW 1	SW 1	10●	10●	7	13.7	● ⸗ n-11, p n ⸗, ↙° *) ✳
20	3.6	2.4	2.9	3.0	3.8	706.4	707.6	712.2	69	86	69	SW 3	SW 2	SW 1	10	10●*	9	8.1	● 5-6, ● ✳ 6½, ●-11, *) ✳
21	1.2	2.4	0.6	1.4	2.3	717.7	720.4	719.9	85	77	80	W 1	SW 1	SW 1	10	5	0	1.5	✳ n-6, 14½-16, ✳° *) ✳
22	-0.8	0.6	3.9	1.2	2.1	715.7	714.7	713.8	96	91	95	E 0	SW 0	SW 1	10*	10*	10●	**35.5**	✳ n-15, ●² ⸗-n ✳
23	9.6	10.4	6.2	8.7	9.7	711.4	709.3	711.9	86	79	82	SW 3	SW 3	SW 3	10	10●	10●	35.4	●° n-11, ⸗, ●² 13-n
24	2.4	3.6	2.7	2.9	3.9	713.9	713.1	711.4	97	90	100	S 1	SE 1	SW 1	10	10	10	2.8	● n-I, ●° 10-III, n ● ⸗
25	0.7	4.0	0.9	1.9	3.0	715.7	716.0	717.4	79	56	81	NW 1	W 1	NE 1	5	7	7	0.1	✳° 8, 14½
26	-2.0	2.2	-2.6	-0.8	0.3	720.5	722.3	724.5	94	73	85	E 0	NW 0	NE 1	9	2	0	.	a ⊔
27	-3.4	0.4	-1.9	-1.6	-0.4	724.8	723.9	722.3	84	62	75	E 0	W 0	SW 0	1	3	10	.	a ⊔
28	1.6	5.4	7.8	4.9	6.1	719.7	717.7	715.8	64	70	82	S 1	SW 1	W 3	9	10	10●	17.2	p n ⸗, ●° 13-17, ●²-n
29	10.4	10.9	11.3	10.9	12.1	715.6	715.4	715.2	76	76	76	SW 3	SW 3	SW 3	10	9	10	6.0	●² n-5, ● ⸗
30	10.4	9.2	6.2	8.6	9.9	714.1	712.3	708.0	81	86	98	SW 2	SW 1	NW 0	10	8	2	5.9	● n-I, ●° 9-10, 15, a ⸗
31	3.7	3.9	2.8	3.5	4.8	708.8	709.7	712.3	93	97	98	W 2	SW 1	E 1	10●	10●	5	4.5	● 4-19, a ⸗
Mittel	3.0	5.4	3.3	3.9	—	719.7	719.4	719.3	89	79	90				9.2	7.4	7.7	Summe 180.3	

*) **19.** ● △ ✳ II, ● ✳ 16-23½ *) **20.** ✳-11½, ● ✳°-20, ⸗ *) **21.** 10-11½

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\,^m/_m$.

Rigi-Kulm.

Dezember 1918.
Beobachter: *Hospenthal.*

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-9.0	-7.2	-6.6	-7.6	-5.0	616.0	616.3	617.4	100	100	100	E 2	E 0	E 0	0	0	0	.	≡° II ✳
2	-5.2	-3.0	-3.0	-3.7	-1.0	617.6	617.1	617.4	100	75	53	E 0	SE 0	S 0	3	3	3	.	✳
3	-0.4	1.4	2.0	1.0	3.8	616.5	616.5	616.6	43	73	100	W 2	W 3	W 4	7	10	10●	4.3	p ⸗, ● 20-n ✳
4	1.6	2.4	3.0	2.3	5.2	617.1	617.5	618.4	100	74	30	W 2	W 1	W 1	10●≡	3	0	0.3	●° ≡ I ✳
5	5.8	7.8	5.4	6.3	9.3	618.5	618.2	617.6	13	**12**	56	W 0	W 0	W 0	1	3	0	.	✳
6	7.0	**8.4**	7.0	7.5	10.6	615.1	614.3	614.0	44	23	30	W 1	W 0	W 0	0	1	0	.	✳
7	3.6	5.6	0.6	3.3	6.4	614.1	614.0	612.4	44	48	65	W 1	W 0	W 0	3	3	0	.	✳
8	1.2	-0.6	0.6	0.4	3.6	611.7	612.4	614.1	68	100	72	W 0	W 2	W 1	3	10	3	.	≡° 12-p ✳
9	-0.4	1.2	-0.8	0.0	3.3	615.5	616.0	616.3	100	72	100	W 1	W 1	W 0	10	10	10	.	≡° n-9½, 17-n ✳
10	-1.8	0.0	-2.0	-1.3	2.1	616.1	616.4	616.8	100	69	100	W 0	W 1	W 2	5	10	10	.	≡° 21-n ✳
11	-3.2	-2.6	-2.0	-2.6	0.9	617.1	615.3	612.9	100	100	100	W 3	W 1	W 4	10	10*	10*≡	23.2	⸗ I, ≡°, ✳² 13-n, ≡ ⸗ ✳
12	-2.2	-2.0	0.0	-1.4	2.1	616.2	616.8	616.7	100	100	100	W 2	W 2	W 4	10≡	7	10*	5.4	≡ I, ✳ ⸗ 16-n [III-n ✳
13	1.2	3.4	4.0	2.9	6.5	617.1	617.8	620.2	100	100	100	W 5	W 4	W 4	10●	10●	10●	29.2	≡° I, ●² ⸗ ✳
14	1.6	3.0	1.4	2.0	5.7	622.4	623.0	**623.6**	100	100	38	W 1	SW 0	W 0	10	10	3	.	≡° n-II ✳
15	4.4	8.0	5.6	6.0	9.7	622.7	621.7	620.7	16	19	38	W 0	SW 0	W 2	1	0	0	.	✳
16	-0.4	0.4	-0.8	-0.3	3.5	618.6	617.7	616.4	95	96	100	W 2	W 3	W 1	3	10	10	24.2	≡° 7-n, ⸗ II, n ✳² ✳
17	-4.0	-5.6	-6.0	-5.2	-1.3	614.4	614.0	613.7	100	100	100	W 3	W 4	W 2	10≡	10*	10	12.2	≡ I, ⸗ n-p, ✳ ≡° ✳
18	-7.4	-6.8	-1.4	-5.2	-1.3	613.5	610.8	605.4	100	100	100	W 2	W 2	W 3	10	10	10	10.0	≡°, ⸗ III-n, n ✳ ✳
19	-1.4	-4.8	-5.6	-3.9	0.1	601.5	601.1	601.7	100	100	100	W 5	W 5	E 2	10	10	10*≡	26.2	⸗ n-p, ✳ 8-9, ≡°, *) ✳
20	-6.4	-6.6	-7.6	-6.9	-2.9	**601.0**	601.1	605.0	100	100	100	W 5	NW 5	NW 3	10	10*	10	19.2	✳ ✢ ⸗ ≡°, ⸗ III-n ✳
21	-8.4	-8.2	-9.6	-8.7	-4.6	608.9	611.6	610.8	100	100	100	NW 4	NW 2	NW 0	10≡	10*	7	7.1	≡ ⸗ I, ✳ ≡° [●² ✳
22	-6.2	-3.0	-0.8	-3.3	0.8	606.9	606.8	608.9	100	100	100	W 1	W 4	W 3	10*	10	10≡	**50.3**	✳ I, ≡°, p ⸗, ≡ III, n ⸗ ✳
23	1.4	1.0	-2.0	0.1	4.3	607.0	605.6	605.7	100	100	100	W 6	W 4	W 5	10●≡	10●	10*	34.2	≡ I, ⸗ ●² ≡°, ✳², ✢² ✳
24	-5.4	-4.0	-3.6	-4.3	-0.1	607.1	606.6	605.5	100	100	100	W 1	W 1	W 2	10*	10*	10	24.8	✳² n-II, p ≡° [19-n ✳
25	-7.8	-9.0	-10.2	-9.0	-4.8	607.5	608.8	609.1	100	100	100	NW 1	NW 1	W 0	10≡	10	0	.	≡ I, ≡°-p ✳
26	-9.8	-8.4	**-11.0**	-9.7	-5.4	611.1	612.5	614.4	100	100	100	W 0	W 0	W 0	3	3	10	.	≡° ✳
27	-10.4	-8.6	-9.0	-9.3	-5.0	614.3	614.0	614.2	100	100	100	E 0	E 0	E 1	0	0	3	.	✳
28	-0.2	0.6	1.6	0.7	5.0	612.8	612.1	610.7	100	100	100	W 3	W 4	W 5	10	10●	10●	42.0	a ⸗ ≡°, p n ●² ⸗ ✳
29	2.2	2.0	2.2	2.1	6.5	611.1	611.1	611.2	100	100	95	W 3	W 4	W 4	10●	10●	10●	10.2	⸗ ● ≡° ✳
30	1.8	3.0	3.2	2.7	7.1	610.1	608.3	605.4	93	70	50	W 4	W 2	SW 1	10*	10*	10*	6.8	⸗ n-I, ✳ ≡° ✳
31	-4.0	-3.4	-4.8	-4.1	0.3	603.1	603.6	605.3	100	95	100	W 3	W 0	W 2	10*	10*	10*	14.5	⸗ I, ✳ ≡° ✳
Mittel	-2.0	-1.2	-1.6	-1.6	—	613.0	612.9	612.8	88	85	85				7.1	7.5	6.7	Summe 344.1	*) **19.** ↘ 12, ✳² ≡ 17½-n

Dezember 1918.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^{\circ}\,53'$, $\beta = 46^{\circ}\,33'$,
$H_b = 1712.6^{m}$, $G = -0.12^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-13.2	-5.1	-17.0	-11.8	-5.6	621.3	622.5	623.9	82	64	82	S 0	NE 0	— 0	5	1	0	.	
2	-19.8	-8.5	-10.6	-13.0	-6.6	623.9	623.0	623.6	84	72	75	SE 0	SE 1	— 0	0	4	0	.	
3	-12.2	-1.5	-3.3	-5.6	1.0	622.5	622.3	622.1	85	65	86	W 0	S 0	— 0	1	10	9	0.4	n (3/4) ✳°
4	-5.2	2.1	-7.4	-3.5	3.2	622.3	621.9	623.7	100	65	83	W 0	E 1	— 0	2	3	0	.	
5	-7.6	-0.6	-5.6	-4.6	2.3	624.3	624.3	624.1	90	68	90	SE 0	SE 1	— 0	9	1	0	.	
6	-9.6	-1.0	-6.6	-5.7	1.4	622.1	620.3	620.3	96	69	76	SE 0	SE 1	— 0	1	8	0	.	
7	-8.8	0.6	-7.4	-5.2	2.1	620.4	619.7	619.2	81	60	73	SE 0	SE 0	— 0	4	6	0	.	
8	-8.7	-0.4	-7.6	-5.6	1.9	618.2	618.2	620.2	86	66	87	S 0	S 1	— 0	2	3	0	.	
9	-7.2	2.0	-8.8	-4.7	2.9	621.4	621.5	622.5	90	65	85	E 0	E 1	— 0	3	7	0	.	
10	-5.0	1.8	-4.2	-2.5	5.3	622.2	622.2	623.2	89	66	82	SE 0	W 1	— 0	9	4	9	.	
11	-6.6	-1.2	-2.0	-3.3	4.7	622.9	621.6	619.3	87	69	95	W 0	NW 0	— 0	10	8	10*	10.3	✳ III-n
12	-2.4	-1.0	-3.6	-2.3	5.8	621.0	622.0	622.5	100	75	87	NE 0	N 0	— 0	10	1	10	10.6	n (12/18) ● ✳
13	1.9	2.0	3.0	2.3	10.6	621.7	622.1	623.9	90	96	90	S 4	E 0	— 0	10	10	10●	**35.3**	⸙ l, n, a ●, p n ●²
14	3.8	3.6	-3.8	1.2	9.7	627.7	628.5	**630.1**	69	61	91	NW 1	N 1	— 0	9	2	4	.	
15	-7.4	-0.4	-4.5	-4.1	4.5	629.9	628.9	627.7	92	70	77	W 0	W 0	— 0	4	0	8	.	
16	-7.4	2.2	-5.0	-3.4	5.4	625.4	623.2	622.4	84	64	83	— 0	SW 1	— 0	1	7	1	.	
17	-8.0	-1.4	-5.6	-5.0	3.9	619.8	618.9	619.2	86	79	70	W 0	W 0	NE 1	10	10	10	1.1	✳ 9-11
18	-12.8	-6.1	-3.6	-7.5	1.5	619.5	618.4	616.4	80	57	53	W 0	W 0	W 3	10	8	10	3.0	⸙ III, n ⸙ ✳
19	-3.4	-1.6	-5.4	-3.5	5.7	610.4	**606.8**	607.3	85	85	91	W 3	S 3	N 1	10	10*	9	4.2	✳ ✢ ⸙ n-14½
20	-9.4	-3.5	-6.2	-6.4	2.9	607.6	607.0	610.0	90	51	91	W 1	W 3	— 0	7	10	10*	10.0	⸙ II, ✳ 14-n
21	-8.1	-5.1	-15.8	-9.7	-0.3	613.7	616.6	618.1	89	77	75	SE 0	N 1	— 0	10	9*	1	6.3	✳ a-14
22	-7.3	-5.6	-6.4	-6.4	3.1	614.3	613.6	614.5	90	85	94	N 2	W 1	— 0	10	10*	10*	31.7	✳²
23	0.2	4.4	1.8	2.1	11.7	613.2	612.3	611.0	100	75	89	W 1	S 0	— 0	10●	10	10●	0.3	● l, ●° III
24	-5.6	-0.8	-3.6	-3.3	6.4	612.7	612.2	611.2	80	75	97	W 0	N 1	— 0	7	10	10	4.7	✳ 16-21
25	-6.6	-4.0	-18.3	-9.6	0.1	612.7	613.3	615.6	73	**50**	71	N 0	W 2	— 0	10	8	0	.	
26	**-23.5**	-16.4	-18.0	-19.3	-9.5	617.7	618.4	620.6	73	70	77	S 0	SE 0	— 0	0	0	0	.	
27	**-23.5**	-16.1	-20.8	-20.1	-10.2	621.0	620.0	620.2	80	75	81	W 0	W 0	— 0	0	0	0	.	
28	-10.0	-2.8	-2.3	-5.0	4.9	618.5	617.6	616.2	81	68	89	W 1	NW 0	— 0	9	7	10*	4.5	✳ III-n
29	4.0	5.4	-0.4	3.0	13.0	615.6	616.2	617.7	65	61	92	W 4	W 2	— 0	10	5	0	0.7	⸙ l, a ●°
30	-1.3	**5.6**	-1.5	0.9	10.9	616.1	614.7	612.9	90	53	90	S 0	SW 0	— 0	8	9	10	3.7	n (30/31) ✳
31	-1.2	0.6	-3.2	-1.3	8.8	609.5	608.6	611.3	92	91	95	N 0	W 0	— 0	10*	10*	10*	20.0	✳
																		Summe	
Mittel	-7.5	-1.7	-6.6	-5.3	—	619.0	618.6	619.1	86	69	84				6.5	6.2	5.2	146.8	

Dezember 1918.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^{\circ}\,21'$, $\beta = 46^{\circ}\,14'$,
$H_b = 540^{m}$, $G = 0.00^{m}/_{m}$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	0.6	3.7	-0.1	1.4	-0.1	719.2	718.6	722.7	68	45	63	NE 0	E 0	NE 0	10	1	0	.	
2	-3.2	1.6	-1.2	-0.9	-2.2	721.0	719.5	720.7	73	47	74	NE 0-1	NE 0-1	E 0	0	8	0	.	⊏ l
3	-1.8	3.7	2.3	1.4	0.2	718.8	718.5	718.5	79	56	73	NE 0-1	SE 0	E 0	0	10	0	.	⊏ l, ≡° III
4	1.1	5.6	2.3	3.0	1.9	718.5	718.3	719.6	89	60	85	E 0	S 0	NE 0	0	0	0	.	⊏ l
5	0.2	7.0	3.2	3.5	2.6	718.7	718.3	718.9	84	49	69	NE 0	SW 0	E 0	0	0	0	.	⊏ l
6	1.4	8.1	3.5	4.3	3.5	715.3	712.9	713.3	81	51	72	NE 0-1	E 0-1	E 0	8	7	0	.	⊏ l
7	-0.8	5.5	1.8	2.2	1.5	714.5	713.9	713.2	98	58	70	E 0-1	S 0	E 0	7	7	0	.	⊏ l
8	-0.4	5.0	2.3	2.3	1.8	713.1	713.5	716.3	84	55	68	SE 0	E 0-1	E 0	0	0	0	.	⊏ l
9	1.4	4.7	3.2	3.1	2.7	718.1	718.3	718.5	74	65	89	NE 0	SE 0	SE 0	8	10	10	.	
10	-0.8	5.2	3.4	2.6	2.3	719.0	718.9	719.5	92	57	70	NE 0	E 0-1	E 0	4	7	1	.	⊏ l
11	1.0	4.4	1.9	2.4	2.2	720.9	719.3	716.5	93	74	100	NE 0	SW 0-1	E 0	5	10	10●	18.8	● 14½-n
12	3.3	6.8	5.0	5.0	4.9	718.9	720.2	720.8	92	79	98	SE 0	S 0	E 0	4	7	10●	10.5	● n-6, 17-n
13	4.2	7.0	*7.5	6.2	6.2	721.2	721.3	721.3	99	98	*98	SW 0	SE 0-1	SW 0	10●	10●	10●	4.0	●
14	7.8	**10.7**	6.2	8.2	8.3	724.3	724.2	**725.2**	84	68	94	NE 1-2	S 0	E 0-1	1	6	10	.	
15	4.3	7.5	3.7	5.2	5.4	723.7	723.0	723.1	92	70	78	E 0	S 0-1	NE 0-1	9	3	0	.	
16	1.2	4.1	1.9	2.4	2.7	721.0	719.8	718.9	*90	*60	*70	NE 0	SE 0	NE 0	4	8	9	1.0	
17	2.0	5.8	3.5	3.8	4.2	717.5	716.6	717.0	98	68	74	SE 0-1	SW 1-2	SW 0-1	10	10	10	1.9	● n-6, 22-n
18	0.9	3.5	0.4	1.6	2.1	717.9	715.6	712.1	67	57	100	NE 0	SE 0	E 0	10	10	10*	25.4	✳² 17½-n
19	0.4	2.2	2.5	1.7	2.2	706.2	**703.5**	704.0	100	95	72	NE 0	E 0-1	NE 0	10*	10	10●	16.6	✳ n-9, ● III-24
20	1.0	3.1	1.7	1.9	2.5	705.1	704.3	707.4	92	75	80	N 0	S 0	SW 0	10*	9	10●	3.9	✳ l, n, ● III
21	2.2	2.6	-2.0	0.9	0.2	714.3	715.8	716.2	54	66	66	NW 0	S 0-1	NE 0	10	8	6	3.3	n (21/22) ✳
22	-1.8	-1.0	0.4	-0.8	-0.1	713.1	713.0	712.2	96	93	98	N 0	N 0	SE 0	10*	10*	10*	**58.8**	✳², ● 15½
23	2.6	4.4	4.0	3.7	4.5	712.1	709.2	708.9	100	100	91	SW 0	NE 0	SW 0	10●	10●	10●	34.7	●²
24	3.0	3.4	1.0	2.5	3.4	708.1	708.2	707.6	94	92	61	NE 0	SW 0	E 0	10●	10●	10	7.0	● n-11
25	0.0	1.8	0.3	0.7	1.6	710.9	712.5	713.5	79	**36**	48	NE 0-1	NE 0-1	NE 0	2	3	10	.	
26	-5.0	-3.4	-6.0	-4.8	-3.8	715.7	717.5	720.2	65	50	65	N 0-1	NE 0-1	E 0	5	0	0	.	☋ n-l
27	**-8.6**	-5.2	-6.2	-6.7	-5.7	720.5	720.2	720.4	70	54	63	NE 0-1	NE 0-1	E 0	0	3	0	.	
28	-3.8	0.8	0.0	-1.0	0.0	717.3	716.2	714.8	64	53	99	E 0	SE 0-1	E 0	8	10	10●	24.1	☋ n-l, ● 14-n
29	1.3	3.9	2.8	2.7	3.8	712.0	712.7	713.7	98	98	96	S 0-1	S 0-1	E 0	9●	10●	10●	11.9	● n-ll, ≡ III-n
30	2.6	5.6	3.4	3.9	5.0	711.3	709.2	704.9	97	87	93	SE 0-1	SW 1	E 0	10●	10	10	3.1	≡ l, III, ● 22
31	3.2	4.3	2.8	3.4	4.5	703.8	704.3	706.9	92	71	86	NW 1	SE 0	W 0	10●	10	10	1.7	● l
																		Summe	
Mittel	0.6	4.0	1.8	2.1	—	715.9	715.4	715.7	85	67	80				6.3	7.0	6.0	226.7	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$H_b = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

Dezember 1918.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	7.4	**10.0**	0.6	6.0	1.9	739.1	739.3	741.4	15	20	48	NE 2	S 0	N 0	0	0	0	.	⚷ I–I
2	−1.8	6.4	1.4	2.0	−2.0	743.4	742.4	743.2	50	47	50	N 0	S 0	N 0	0	0	10	.	⊏ I
3	−0.6	5.8	0.8	2.0	−1.8	741.9	741.6	741.4	55	50	60	N 0	N 0	N 0	0	10	0	.	⊏ I, ≡° II
4	−0.4	8.0	2.0	3.2	−0.5	739.1	738.4	740.7	61	47	60	N 0	S 0	N 0	0	0	0	.	⊏ I
5	0.4	7.8	2.4	3.5	−0.1	741.7	741.4	742.4	70	58	72	N 0	S 0	N 0	0	0	0	.	⊏ I
6	0.2	7.2	3.2	3.5	0.0	741.3	738.9	738.9	77	58	85	N 0	S 0	N 0	0	0	0	.	⊏ I
7	0.2	8.0	3.2	3.8	0.4	738.6	738.5	738.1	87	53	83	N 0	S 0	N 0	0	0	0	.	⊏ I
8	4.2	7.2	2.2	4.5	1.3	737.8	737.8	739.3	85	70	85	NW 0	NW 0	NW 0	10	10	0	.	
9	0.6	4.2	3.2	2.7	−0.4	741.4	741.4	742.0	90	90	90	NW 0	N 0	N 0	10≡	10	10	.	≡² I, ≡°
10	3.4	7.2	0.8	3.8	0.8	743.2	743.1	744.3	90	86	90	N 0	N 0	N 0	10	10	10	.	≡° I, III
11	1.4	4.6	2.2	2.7	−0.2	744.2	742.7	741.7	90	90	90	N 0	N 0	N 0	10	10	10	2.8	≡°, n ●
12	1.2	5.0	2.0	2.7	−0.1	740.1	741.4	740.7	90	84	92	NW 0	NW 0	NW 0	10	10	10	.	≡°
13	0.8	7.4	6.8	5.0	2.3	739.4	736.9	739.0	90	82	73	N 0	S 0	N 0	10	0	8	.	
14	3.6	8.4	5.2	5.7	3.1	744.3	745.6	747.0	90	65	90	N 0	S 0	N 0	10	0	10	.	
15	2.2	4.4	1.6	2.7	0.2	**749.2**	748.9	748.0	96	95	95	N 0	N 0	N 0	10≡	10≡	10≡	.	≡²
16	−0.2	6.4	2.4	2.9	0.5	746.4	742.3	742.2	92	67	87	N 0	S 0	N 0	8	2	0	.	≡° I
17	1.6	5.8	2.0	3.1	0.8	740.2	739.4	738.8	85	70	84	N 0	S 0	N 0	10	0	8	.	⊏ I
18	0.0	6.2	2.6	2.9	0.7	740.2	739.6	737.7	72	61	77	N 0	S 0	N 0	10	0	10	5.0	⊏ I, n ●
19	1.6	2.2	1.4	1.7	−0.4	731.3	728.9	726.1	87	85	87	N 0	N 0	N 0	10●	10	0	1.0	a ●
20	−0.4	6.4	4.8	3.6	1.6	727.2	**726.0**	728.6	70	40	38	N 0	S 0	NE 1	0	0	0	.	⊏ I
21	6.2	9.0	3.2	6.1	4.2	734.0	736.2	738.2	25	15	23	NE 2	NE 1	NE 1	0	0	0	.	⚷ I–II
22	2.6	2.8	1.4	2.3	0.5	736.7	735.4	736.1	36	60	80	NE 0	NE 0	N 0	10	10	0	.	
23	0.8	6.4	4.2	3.8	2.1	735.4	732.8	730.9	85	43	60	NW 0	NW 0	NW 0	0	0	10	.	
24	0.2	5.8	4.4	3.5	1.8	731.3	731.3	731.0	88	70	80	N 0	S 0	NW 0	0	0	10	.	
25	1.2	9.8	6.2	5.7	4.1	731.5	731.3	733.2	90	**13**	40	N 0	NE 1	N 0	0	0	0	.	
26	−2.6	4.2	7.4	3.0	1.4	738.1	738.5	739.1	47	35	44	N 0	N 0	N 0	0	0	0	.	⊏ I
27	**−3.4**	4.6	−1.8	−0.2	−1.7	740.5	740.3	739.6	45	36	46	N 0	S 0	N 0	0	0	0	.	⊏ I
28	−1.4	4.8	1.2	1.5	0.0	737.7	736.7	735.7	46	36	60	N 0	S 0	N 0	0	1	0	.	⊏ I
29	−1.2	6.4	0.4	1.9	0.5	735.4	734.3	735.1	66	40	60	N 0	S 0	N 0	0	0	0	.	⊏ I
30	−0.2	5.8	3.6	3.1	1.7	735.5	733.5	731.8	70	65	90	N 0	N 0	NW 0	4	10	10●	10.0	⊏ I, ● III–n
31	3.2	2.8	3.0	3.0	1.7	729.8	728.4	729.4	92	90	95	NW 0	NW 0	NW 0	10●	10●	10●	**13.2**	●, n ●
																		Summe	
Mittel	1.0	6.2	2.7	3.2	—	738.6	737.8	738.1	72	59	71				3.9	3.7	4.7	32.0	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$H_b = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

Dezember 1918.
Bernoullianum.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	−1.2	−1.2	−1.2	−1.2	−3.3	745.9	746.4	746.6	100	96	96	N 0	NE 1	SE 0	10	10	2	.	⊏ I
2	−1.2	2.2	0.4	0.5	−1.5	745.3	744.2	743.4	88	75	86	E 1	E 1	SE 1	5	6	0	.	⊏ I
3	−0.9	2.2	2.8	1.4	−0.5	741.8	742.1	741.6	90	75	83	S 1	S 1	SE 1	4	10	10	0.2	⊏ ≡° I, ●° 19½
4	3.8	9.6	4.2	5.9	4.1	742.3	742.4	743.4	93	84	97	SE 1	E 1	S 0	10	8	0	.	●° 5
5	3.6	9.8	3.4	5.6	3.9	742.8	741.3	740.7	97	79	93	SE 1	S 1	SE 1	4	2	0	.	
6	1.4	7.1	1.6	3.4	1.8	737.3	735.5	736.1	93	70	93	SE 1	E 1	SE 1	2	5	0	.	⊏ I
7	0.0	5.2	3.4	2.9	1.4	738.2	737.6	736.6	100	81	97	SE 1	SE 1	SE 1	10≡	5	10	.	⊏ ≡ I, ≡ 18–20
8	3.8	7.0	5.4	5.4	4.0	735.8	736.4	738.3	87	80	91	SE 1	SE 1	E 1	10	7	5	.	
9	4.6	6.2	5.8	5.5	4.2	740.4	741.3	741.8	90	88	97	E 1	SE 1	S 1	10	10	10	0.7	●° 15–20
10	5.6	8.2	5.8	6.5	5.3	741.4	741.5	742.5	94	86	94	SE 1	S 1	S 0	10	8	10	0.1	●° 0½–1, 20–21
11	6.8	8.4	6.6	7.3	6.2	743.8	740.5	738.0	80	73	97	S 1	SW 0	W 0	10	10	10●	10.6	●² 2, ● 14–22½
12	8.0	10.2	8.2	8.8	7.8	741.9	742.1	741.0	86	72	97	W 1	N 1	N 1	10	8	10●	6.0	● 14–22
13	12.4	**13.4**	13.0	12.9	12.0	741.8	742.2	744.8	79	84	88	W 2	W 2	W 2	10●	10	10	1.5	● 6–7½, 12–16
14	11.6	13.2	7.0	10.6	9.8	747.9	748.2	**749.4**	86	73	94	W 1	W 1	N 1	10	7	0	.	
15	3.8	8.4	5.0	5.7	5.0	748.7	746.6	744.2	97	81	91	N 1	E 1	E 1	6	5	6	.	≡° I
16	3.8	9.0	9.2	7.3	6.7	744.3	742.7	741.4	93	84	81	SE 1	SE 1	SE 1	10	9	7	0.7	●° 11, 14–15½, 19½–20
17	5.6	6.6	4.4	5.5	5.0	741.1	740.8	740.9	88	71	80	SW 1	SW 1	W 1	10●	9	10	0.5	●° 6–8, 12½–16, 20
18	4.0	7.4	7.3	6.2	5.8	740.1	736.1	729.2	80	**56**	75	S 1	S 1	SW 1	10	10	10●	7.5	● 16–24½
19	6.5	3.4	4.4	4.8	4.4	724.9	725.2	726.8	81	93	74	W 3	W 3	W 2	10●	10●	5	7.0	● ⚷ 3½–16, △ 15
20	4.2	4.2	3.2	3.9	3.6	**724.3**	727.2	731.1	77	81	81	W 3	W 3	W 1	8	10●	4	5.0	⚷ n-II, ● 1–14½, ✳ 10, △ 14
21	2.4	3.2	1.6	2.4	2.2	737.3	739.8	738.9	83	81	82	W 1	W 1	NW 1	10	10	10	0.2	●° 13
22	1.2	1.0	2.0	1.4	1.3	733.7	733.2	731.9	89	96	96	NW 1	E 1	E 1	10	10●	10●	7.0	● 6–8, 11–n, ✳ 12½–13
23	12.4	**13.4**	7.4	11.1	11.1	729.9	726.8	729.8	77	69	83	W 3	W 4	SW 3	10	10●	10●	**12.5**	⚷ 1½–n, ⚷ II, ● n–1, 4–6, [13–22
24	5.4	6.2	4.8	5.5	5.5	732.4	731.4	730.1	75	79	93	SW 1	SE 1	SE 1	10	10	10●	2.0	● 14–22½
25	1.4	4.4	0.4	2.1	2.1	734.7	735.0	736.6	82	68	89	S 1	W 1	W 1	5	9	0	.	
26	**−2.0**	1.2	0.2	−0.2	−0.1	739.8	741.7	744.3	92	76	96	SE 1	SE 0	SE 0	5	2	10	.	⊏ I
27	−0.4	0.8	−0.2	0.1	0.2	744.6	743.2	741.3	89	75	81	NE 1	E 1	E 1	10	5	2	.	⊏ I
28	1.2	3.8	10.8	5.3	5.4	738.2	735.7	733.9	96	90	83	E 1	E 0	E 0	10	10	10	1.0	●° 0–0½, 8, 12, ● 18–20
29	10.6	12.3	12.0	11.6	11.8	733.8	733.7	733.2	82	80	87	SW 1	W 2	W 0	10	10	10●	4.6	● 0–2½, 5–23, ⌒² 11
30	10.7	11.2	9.4	10.4	10.6	732.8	730.1	725.1	93	96	97	SW 0	S 0	S 0	10	10●	10	1.4	● 2–4, 7, 13–14
31	5.1	6.7	4.8	5.5	5.7	727.8	728.0	731.0	91	85	93	S 0	SE 0	S 0	10●	10	10	0.7	●° 4–11, 16
																		Summe	
Mittel	4.3	6.6	4.9	5.3	—	738.5	738.0	737.9	88	80	89				8.7	8.2	6.8	69.2	

Dezember 1918.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	13³⁰	21³⁰	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Windrichtung und Stärke 7³⁰	13³⁰	21³⁰	Bewölkung 7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-14.3	-11.6	-8.0	-11.3	-4.5	561.6	562.6	564.4	100	90	60	NE 1	NE 3	ENE 3	10≡	1	1	.	≡ n-10
2	-5.8	-2.6	-3.0	-3.8	3.1	564.5	564.6	565.0	30	**18**	32	NW 1	NW 1	W 2	3	4	9	.	
3	-2.4	-2.7	-2.3	-2.5	4.5	564.3	564.4	564.2	84	90	100	WSW3	WSW4	SW 4	4	9	10≡*	19.0	p ⸙ ⸸, ≡ ✳ V 19-n,
4	-2.2	-3.0	1.5	-1.2	5.9	564.4	565.2	566.4	100	84	40	SW 3	WNW 2	NNE 3	10≡	4	2	.	≡ n-12½ [n ● ✳
5	1.0	**1.9**	0.0	1.0	8.2	566.9	567.0	566.2	30	94	85	NNE 2	NW 1	NE 0	3	9	2	.	
6	1.4	**1.9**	0.6	1.3	8.6	563.8	563.3	562.6	67	60	61	WSW3	WSW4	SW 3	2	7	2	.	⸙ II
7	-1.1	1.3	0.1	0.1	7.5	562.4	562.7	561.2	71	64	62	WSW4	SW 2	SSW 2	3	4	1	.	⸙ I
8	-2.5	-1.6	-3.8	-2.6	4.8	559.8	560.4	561.6	75	80	98	SW 3	SW 2	WSW3	6	7	10≡	.	≡ 15½-n
9	-3.7	-3.8	-4.4	-4.0	3.5	563.0	563.3	563.6	100	98	100	WSW2	WSW3	WSW2	10≡	10≡	10≡	1.4	≡ V°, n ✳
10	-6.1	-6.2	-5.5	-5.9	1.7	563.0	563.3	563.9	93	90	100	WSW1	WSW2	WSW2	10≡	10≡	10≡	14.3	≡, p V
11	-6.8	-6.4	-5.5	-6.2	1.5	563.2	562.4	559.7	100	100	100	WSW3	WSW3	W 3	10≡*	10≡	10≡*	35.1	✳² n-13, 16-n, a ⸸, *)
12	-6.6	-6.5	-3.8	-5.6	2.2	562.5	563.0	562.9	100	98	100	WSW2	WSW3	WSW3	10≡*	4	10≡*	67.5	✳² n-12, 20-n, ⸸² V ≡
13	-3.1	-1.0	-0.1	-1.4	6.4	563.1	563.6	567.7	100	100	100	WSW4	WSW4	WSW2	10≡*	10≡*	10≡●	**114.9**	⸙ I, II, ≡ V, ✳² ⸸² *)
14	-2.6	-2.5	-5.3	-3.5	4.4	569.2	570.3	**571.1**	100	97	90	WSW2	SW 2	SW 1	10≡	7	2	.	≡ n-12½
15	-3.8	-0.7	-1.9	-2.1	5.9	570.8	570.3	568.7	77	52	72	SW 1	SW 1	SW 1	3	1	1	.	
16	-2.2	-3.8	-4.9	-3.6	4.4	566.1	564.7	563.2	83	100	100	SSW 3	WSW3	WSW3	7	10≡	10≡*	23.4	≡ V 13-n, ✳² ⸸ 19½-n
17	-8.3	-10.3	-10.8	-9.8	-1.7	560.0	559.9	559.5	100	100	100	WSW3	SW 2	WSW2	10≡*	10≡*	10≡*	25.7	≡² ✳² ⸸² V
18	-12.3	-11.4	-5.8	-9.8	-1.6	559.0	557.2	554.4	98	78	100	WSW2	WSW3	WSW3	10≡	7	10≡	41.9	≡ n-8, III-n, V ⸸², n ✳²
19	-5.4	-8.8	-11.5	-8.6	-0.4	549.0	548.0	548.1	100	100	100	SW 3	WSW4	WSW3	10≡*	10≡*	10≡*	12.4	≡² ✳ ⸸² ⸙ V
20	-11.2	-11.4	-12.7	-11.8	-3.5	**547.1**	547.2	550.3	100	100	100	WSW3	WSW4	WSW3	10≡*	10≡*	10≡*	21.1	⸙ n-II, ≡² ✳² ⸸² V
21	-12.5	-13.2	-14.1	-13.3	-5.0	554.4	557.2	557.1	100	100	100	WNW 1	WNW2	WNW 1	10≡*	10≡*	10≡*	15.1	≡² ✳ ⸸ V
22	-10.8	-9.3	-5.2	-8.4	0.0	553.8	553.7	553.9	100	100	100	WSW3	WSW2	WSW4	10≡*	10≡*	10≡*	42.8	≡² ✳² ⸸² V, ⸙ III-n
23	-2.9	-2.8	-6.8	-4.2	4.2	553.9	552.8	553.4	100	100	100	WSW5	WSW5	WSW4	10≡*	10≡*	10≡*	49.5	⸙ I, II, ≡² ✳² ⸸² V ⸙
24	-8.9	-8.0	-7.8	-8.2	0.3	554.1	553.9	552.6	100	100	100	WNW2	SW 1	WNW 2	10≡*	10≡*	10≡*	13.7	⸸ n-15, 19-n, ≡ ✳ V
25	-12.6	-12.8	-15.3	-13.6	-5.1	553.6	554.0	555.1	100	100	100	WSW2	SW 2	SW 0	10≡*	10≡	3	3.1	✳ n-12½, ≡ n-19
26	**-15.4**	-14.8	-15.1	-15.1	-6.5	557.0	558.5	560.1	95	98	98	NE 1	NE 1	ENE 2	2	7≡	2	.	≡ n-15, V°
27	-13.0	-11.4	-8.4	-10.9	-2.3	560.4	560.5	560.9	75	70	60	ENE 2	NNE 1	NW 2	1	1	3	.	
28	-4.5	-3.0	-2.8	-3.4	5.0	559.8	558.9	557.2	100	100	100	WSW2	WSW4	WNW4	10≡	10≡	10≡*	95.8	≡ V, ⸙ ✳² ⸸² II-n
29	-1.4	-2.2	-1.6	-1.7	7.0	558.0	558.4	557.9	100	100	100	WSW4	WSW4	SW 3	10≡*	10≡*	10≡*	82.0	≡² ✳² ⸸² V² ⸙
30	-2.6	-2.1	-4.2	-3.0	5.7	557.4	556.9	554.1	100	100	97	SW 3	SW 2	SW 0	10≡*	10≡	1	3.0	✳ n-10, ⸙ 10½, ≡ *)
31	-6.8	-8.0	-9.7	-8.2	0.5	550.8	551.3	553.2	100	100	100	SE 1	SW 0	SW 1	10≡*	10≡*	10≡*	16.4	⸸ n-13, 16-n, ≡ ✳² V°
																		Summe	
Mittel	-6.1	-5.7	-5.8	-5.9	—	559.9	560.0	560.0	90	89	89				7.9	7.8	7.0	698.1	———

*) **11.** ≡ V, p ⸸² *) **13.** n-21, ●²-n *) **30.** ⸸ n-14, V

Dezember 1918.
Beobachter: *W. Horlacher.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^m/_m$.

Tag	7³⁰	13³⁰	21³⁰	Mittel	Abweich. vom Normalst.	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	7³⁰	13³⁰	21³⁰	Niederschlag	Witterung
1	-11.1	-10.1	-8.6	-9.9	-4.2	590.5	591.3	593.0	84	84	57	N 2	N 2	N 2	10≡	0	0	.	≡ n-9
2	-6.6	-3.3	-0.6	-3.5	2.3	593.0	593.0	593.2	24	17	**9**	N 1	N 1	N 1-2	0	0	0	.	
3	-1.2	0.0	-1.2	-0.8	5.1	592.9	593.1	592.9	34	38	60	N 1	N 1	N 1	0	10	0	.	⊕² 8½-11
4	-0.9	-0.8	-2.5	-1.4	4.6	592.5	593.1	594.7	97	97	42	N 3	N 2	N 1	10≡	10	0	.	⸙ I, ≡ n-16
5	-0.1	3.3	-0.3	1.0	7.1	595.0	594.9	594.9	22	15	37	N 2	N 1	N 1	0	0	0	.	
6	-1.1	3.8	2.6	1.8	8.0	592.8	591.3	590.7	39	30	22	S 0	S 0	S 1	0	1	0	.	⸙
7	0.8	2.7	-1.6	0.6	6.9	590.8	590.6	589.1	24	22	58	N 1	N 1	N 0	0	3	0	.	
8	-5.0	0.6	-3.0	-2.5	3.9	588.6	588.9	590.8	66	46	64	N 0	N 0	N 0	0	2	0	.	≡ 15½-20
9	-2.4	-1.8	-2.7	-2.3	4.2	591.9	592.3	592.6	66	55	66	N 2	N 1	N 0	0	0	5	.	
10	-3.2	-0.6	-2.6	-2.1	4.5	592.5	592.8	593.6	94	64	50	N 0	N 0	N 0	10≡	10≡	10	0.3	≡ ✳° n-16
11	-5.3	-1.2	-3.8	-3.4	3.3	593.3	592.8	589.9	53	45	88	N 0	S 1	S 1	5	10	10*	21.0	✳² 15½-n
12	-4.2	-4.3	-2.2	-3.6	3.2	592.1	592.6	593.3	90	85	91	N 2	N 2	N 0	10*	6	10*	22.7	✳² n-8½, 17-n, ⸸
13	0.2	0.9	2.1	1.1	8.0	593.6	593.9	596.0	84	85	98	N 2	N 2	N 2-3	10*	10*	10*	38.1	✳² ●, ⸙ III-n
14	-0.2	-0.8	-0.4	-0.5	6.4	598.0	598.7	**599.9**	97	97	33	N 2-3	N 2	N 1-2	10≡	5	10	.	⸙ I, ≡ n-12
15	1.0	**4.4**	-1.3	1.4	8.4	599.5	599.2	598.0	18	33	31	N 0	S 0	S 0	1	1	0	.	
16	-1.4	-0.5	-2.0	-1.3	5.8	595.3	594.1	592.6	39	39	59	S 0	N 0	N 0	2	8	1	.	
17	-4.7	-4.2	-7.2	-5.4	1.8	590.3	589.4	588.9	92	90	84	N 1	N 2	N 2	10≡	10≡	10≡	0.3	≡, n ✳°
18	-11.8	-4.8	-8.8	-8.5	-1.3	589.8	588.4	586.4	80	35	89	N 0	S 1	S 1	0	9	10≡	36.0	✳² 18-n, ≡ III
19	-7.6	-5.1	-8.3	-7.0	0.3	580.7	578.3	**577.4**	87	83	83	S 1	S 0	S 1	10*	10*	10*	20.7	✳²
20	-9.0	-7.4	-9.9	-8.8	-1.5	578.2	577.8	580.6	84	90	75	S 0	N 3	N 3-4	10≡	10≡	10*	14.6	≡ n-17, ✳-n, p ⸙
21	-10.2	-9.0	-13.4	-10.9	-3.5	583.7	587.0	587.1	80	82	79	N 3-4	N 2-3	N 2	10*	10≡	0	13.6	✳ n-10, ≡-16, ⸙ n-II
22	-10.4	-8.8	-2.4	-7.2	0.2	584.1	583.7	585.0	81	81	91	S 2	S 0	S 0	10*	10≡	10≡	18.6	✳ ≡
23	0.0	0.3	-3.0	-0.9	6.6	585.6	584.1	583.5	83	87	92	S 1	S 1	N 2	10≡	10≡	10*	31.0	≡ I, ✳² 8-n
24	-6.1	-5.5	-5.5	-5.7	1.8	583.3	582.9	581.9	88	90	64	N 0	N 1	N 0	10≡	10≡	0	7.3	≡ n-21, ✳
25	-9.4	-9.9	-13.0	-10.8	-3.3	582.6	583.5	584.5	82	83	80	N 2	N 1	N 1	10≡	10≡	0	.	≡ n-20
26	**-15.2**	-12.8	-14.6	-14.2	-6.6	586.2	587.8	589.1	50	61	64	N 1	N 1	N 1	0	0	0	.	⸸°
27	-13.6	-11.2	-8.9	-11.2	-3.6	589.2	589.4	589.5	40	33	18	N 2	N 2	N 2	0	0	0	.	
28	-4.8	0.4	-0.5	-1.6	6.1	588.9	588.6	587.6	78	45	93	N 1-2	N 1	N 1	2	10	10*	**45.7**	✳² 16½-n
29	0.2	1.2	-0.1	0.4	8.1	587.3	588.0	588.2	96	89	80	N 2	N 0	N 0	10●*	10*	0	12.7	● ✳ n-15
30	0.1	2.3	-3.1	-0.2	7.5	587.3	585.7	583.7	60	45	95	N 0	S 0	S 2	10	2	10*	2.5	✳ ⸸ III
31	-5.8	-4.4	-6.5	-5.6	2.2	579.7	579.9	582.8	90	90	85	S 1	N 1	N 2	10*	10	10*	15.0	✳ ⸸
																		Summe	
Mittel	-4.8	-2.8	-4.3	-4.0	—	589.3	589.3	589.4	68	62	66				5.8	6.4	4.7	300.1	

Ergänzende Witterungsnotizen zu den Tabellen pag. 1—72.

Januar.

Bern. 4. u. 5. Alpenglühen. 21. Morgenrot. — Alpen hell: 4 Mitt. 5 Ab. 15 Vm. früh. 22. 28; je Nm.: 17. 23 (sichtbar). 25. 26. — Alpen klar: 4. 5 Vm. früh. 6 Nm. 11. 12 Vm. früh. 14. 19. 20. 21. 24. 27. — Totale Schneehöhe: 4. 9.5; 10. 15 cm. — Neuschnee: 9. 5; 10. 6 cm. — **Neuchâtel.** 1. u. 5. je Mitt. Nebel am Chaumont. 5. Mitt. Nebel auf dem See. — Alpen sichtbar: 4 Vm. früh u. Ab. 11. 14. 17 Vm. früh u. Nm. 19. 21. — **Altdorf.** 8. Vm. früh Boden schneefrei. — Totale Schneehöhe: 9. 22; 10. 40 cm. — Föhn: 6/7 Nachts. 7. 8 Vm. früh. 18 Nm. bis 23 $8^1/_4$ h. — **Genf.** 15. Ausserordentlich intensives Glatteis. 30. u. 31. je Nm. Hochnebel. — Neuschnee: 9. 15; 10. 7 cm. — **Zürich.** 5. Dampfschiffahrt zwischen Stäfa u. Wädenswil eingestellt. 6. Seebucht von Rapperswil zugefroren. 7/8. Nach Mitternacht SW-Sturm. 11. Morgenrot 8 h–8 h 20 m. 13. Eisdecke zwischen Stäfa u. Richterswil: 20 cm. 14.–16. Strassen glatteisartig bedeckt. 16. Boden teilw. schneebedekt; Schneegrenze 600 m. 21. Leichtes Morgenrot 8 h. 25. Eisdecke zwischen Wollishofen-Zürich und Küsnacht-Rüschlikon: 1 m/m. 31. Schneegrenze: ca. 900 m. — Temperatur-Minimum am Erdboden Vm. früh: 4. –17.6°; 12. –12.4; 14. –9.0. — Neuschnee: 3. 1 cm; 8. 1; 9. 18; 10. ca. 5 (total: 20 cm). — Alpen sichtbar: 15 Vm.; je Nm.: 14. 18. 19. 21–24. — Alpen hell: 12 Nm. 14 Ab. 17 Nm. 24 Ab. — Alpen klar: 6 Nm. 11. 12 gegen Mitt. 20; je Vm.: 4 bis $9^1/_2$ h. 7. 14. 16 (Voralpen). 19. 21. 22 bis 10 h. 23. — Cirri: 4 Vm. 5 Ab. 6 Nm. 11. 12. 14. 16 Ab. 17 Vm. 19–22. 24 Vm. — Tal u. See dunstig: 4 Nm. 18 Vm. 19. 21 Nm. — Tal u. See Nebel: 5 Nm. (leicht). 12 g. Mitt. (id.). 22 (schwach). 23 (id.); je Vm.: 4. 5. 14 9–$10^1/_2$ h. 15. 17. 21 (leicht). 24 (id.); je Nm.: 25. 26. 28. — Hochnebel: 1 Vm. früh u. Ab. 2. 3 (schwach). 6 Vm. 9 id. (leicht). 31 (stark). — **Rigi-Kulm.** Neuschnee: 8. 3 cm; 9. 100; 13. 10; 14. 15; 17. 3. — Totale Schneehöhe: 4. 120 cm; 11. 180; 18. 100; 25. 40. — Nebelmeer: 1. 2 bis Nm. 4 Vm. früh (teilw.). 5 (Nm. teilw.). 6 Vm. (tief). 14 Vm. früh (teilw.). 24 Ab. (id). 25 Vm. (id.). 26 Vm. früh (tief). 27 id. 28 Vm. (teilw. u. tief). 29 (tief). 30. 31. — Teilw. Nebel im Tal: 12 Vm. früh. 14 (leicht). 17 Vm. früh. 20 id. (leicht). 22 bis Nm. (id.). 24. 25 Mitt. (leicht). 26 Nm. 28 Mitt. (leicht). — **Bevers.** 15. Morgenrot. 21. Vm. früh Hochnebel. — Neuschnee: 8. 4 cm; 9. 7; 11. 7; 13. 7; 21. 1; 31. 40 cm (total). — **Sitten.** 9. Vm. Schneefall auf den Bergen. 19. Mitt., 29. id. u. 30. Vm. früh Cirri. — Neuschnee: 8. 2.5 cm; 9. 2.5; 10. 3; 11. 12 (total). — Dunst 2. 3 Vm. früh. 4 Nm. 5. 6. 11 Mitt. (stark). 13 Ab. 21 Mitt. 22 Vm. früh. 28 Nm. (intensiv). 29 Ab. (id.). 30 Mitt. (stark, Ebene). 31 (id.); je bis Nm.: 11. 12. 14. 19. 23–31. — **Lugano.** 8. Seit Ab. und 9. N-Föhn. 13. Mitt. hochneblig. — **Basel.** Höhe der Schneedecke: 1. 7 cm; 2. 6; 3. 7; 4.–7. 6; 8. 9 h 9, Mitt. 11; 9. 11; 10. 10; 11. 2; 12. 2; 13. 10 h 1, 20 h 2; 14. 2; 15. 1. — **Säntis.** Morgenrot: 1. 2. 4. 5. 6. 7 (schwach). 12. 14. 15. 18 (schwach). 19. 20. 21. 23. 25–31. — Abendrot: 1. 2. 4. 5. 6. 12. 14. 17. 19–22. 23 (schwach). 24–31. — Ebene Reif Vm. früh: 27. 28. 30. — Cirri: 1. 4 Nm. bis 7 Nm. 12 Nm. 14. 17. 18 bis Nm. 19–24. 25 Nm. 26. 29. 30. 31; je Vm.: 2. 4 früh. 12 id. 15. 25 früh. 27. 28. — Neuschnee: 3. 6 cm; 4. 2; 8. 1; 9. 13; 10. 2; 11. 5; 13. 2; 14. 15; 16. 4; 17. 20; 24. 4. — Mittlere Schneedecke: 2. 267 cm; 4. 274; 7. 271; 9. 284; 11. 290; 13. 292; 15. 291; 18. 312; 20. 308; 23. 303; 25. 306; 28. 298; 30. 296. — Mittlere Schneegrenze: 7. 700 m; 20. 900; 24. 1000; 28. 1100; 31. 1200. — Alpen sichtbar: 7. 16 Vm. früh. 18. 23 bis Nm.; je $21^1/_2$ h: 1. 3–6. 12. 27. 30. 31. — Alpen hell: 14. 15 Vm. 17. 19–23 Vm. früh u. $16^1/_2$ h. 24. — Alpen klar: 1. 2. 4. 5. 6. 12 Vm. früh u. Nm. 14 $10^1/_2$ u. $16^1/_2$ h. 24 $16^1/_2$ h. 25–31. — Ebene sichtbar: 16 Vm. früh; 2. 27. 31 je $21^1/_2$ h. — Ebene hell: 1 Nm. 3 $21^1/_2$ h. 4. 5. 6 je Nm. 7. 12 Vm. früh u. Nm. 14. 15 Vm. 17–25. 26 Ab. 28 Vm. früh u. Ab. 29 Nm. 30. — Ebene klar: 4 Vm. 5 id. 6 id. u. $16^1/_2$ h. 7 $10^1/_2$ h. 12 Mitt. 25 bis Nm. 27. 28 bis Nm. 29 Vm. 31. — Ebene dunstig: 24. 26. 27. 29. 30 je $16^1/_2$ h. — Alpen Nebel: 2 $21^1/_2$ h. 8 Vm früh. 24 $10^1/_2$ h (vorbeiziehende). — Ebene Nebel: 1 $21^1/_2$ h. 8 Vm. früh. 18 Ab. (leicht). — Nebelmeer: 1 (7—900 m). 2 (id.). 4 (Vm. 600 m, Nm. tief u. Bodensee). 5 (bis Nm. Bodensee, Ab. 600 m). 6 Vm. (Bodensee). 26–29 (tief). 30 6–700 m; Vm. früh u. $21^1/_2$ h tief). 31 (7—800 m). — **St. Gotthard.** 15. Morgenrot. — Totale Schneehöhe: 11. 196 cm; 18. 198; 25. 220. — Neuschnee: 1. 2 cm; 8. 2; 9. 10; 10. 23; 11. 22; 14. 5; 16. 5; 17. 12; 20. 5; 21. 3; 22. 25; 23. 12.

Februar.

Bern. 17. Morgenrot. 26. Abendrot. — Alpenglühen Ab.: 9–12. 27. — Alpen hell: 6 Mitt. 7. 9. 15 Vm. früh. 17 bis Nm. 26 Nm. 27. 28 bis Nm. — Alpen klar: 7 Vm. früh. 8 Nm. 9 Vm. früh. 10–13 Nm. 16. 20 Ab. 27 id. — **Neuchâtel.** 13. Ab. Joran. 27. Wind auf dem See: 8 h SW, 11 h SW u. NE, $13^1/_2$ h SE u. SW; seit 17 h Joran. — Alpen sichtbar: 8 Ab. 10. 11. 12 je Nm. 27 Vm. früh. — Nebel auf dem See Vm.: 2. 4 früh. 6. 12 früh. 20 Mitt. 24 früh (am andern Seeufer). — Nebel am Chaumont Vm.: 2. 4 früh. 6. 14 Mitt. 24 früh. — **Altdorf.** 7. u. 10. Morgenrot. 14. Schneegrenze: 700 m. 18. Vm. früh und Ab., 19. Vm. früh Hochnebel (800 m). 22. Schneehöhe: 1 cm. — **Genf.** 1.–5. Hochnebel. — **Zürich.** 1. Eisdecke zwischen Stäfa u. Richterswil 18–20 cm. 10. Abendrot $17^1/_2$ h. 10. u. 11. Leichte Eisbildungen zwischen Utoquai u. Wollishofen-Enge (1–2 m/m dick). 13. Starke Eisbildungen ($1^1/_2$ cm) auf der ganzen unteren Seeschale bis Thalwil). 22. Schneegrenze: 550 m. 28. Id.: 1000 m). — Alpen sichtbar: 7 Nm. 8. 9 Nm. 10 Vm. 11 Nm. 12 id. 13. 21 bis 9 h. 26 Nm. (teilw.). 27 Vm. früh u. s. $10^1/_2$ h. 28 Ab. — Alpen hell: 8 Ab. 10 Nm. 11 Ab. 16; je Vm.: 7. 9. 11. 12. 28. — Cirri: 8 Nm. bis 9 Vm. 10. 11 Ab. 12 Vm. 13. 16 Nm. 20 Ab. 22 Vm. 26 Nm. 27. — Tal u. See dunstig: 4 Nm. 8. 9 Vm. 11 id. 20 Nm. 21 Vm. — Tal u. See Nebel: 5. 6 (Nm. leicht). 19; je Vm.: 12 (leicht). 14. 22 bis 9 h. 25. 27. — Hochnebel: 1 Nm. 2 id. 3. 5. 14 Nm. (leicht). 18 Vm. 19. — **Rigi-Kulm.** Totale Schneehöhe: 1. 20 cm; 8. 10; 15. 25; 22. 30. — Neuschnee: 14. 15 cm; 23. 5; 26. 10. — Nebelmeer: 1–4 Vm. 5. 6 Vm. (teilw.). 17 Vm. früh (id.). 18 id. 19 bis Nm. 20 Vm. früh (teilw.). 24 Vm. früh. — Nebel im Tal: 4 Nm. (leicht, teilw.). 6 Mitt. (id.). 16 Mitt. (teilw.). 20 bis Nm. (leicht, teilw.). 26 Mitt. (teilw.). — **Bevers.** 9. u. 19. Leichtes Morgenrot. 15. Neuschnee: ½ cm. 23. Id.: 15 cm. 28. Mittl. Schneehöhe: 60 cm. — **Sitten.** 23. Schnee bis 1300 m. 25. Mitt. Hochnebel (1000 m). — Cirri: 6 Vm. früh. 23 Mitt. 24 Vm. früh. 28 id. — Dunst: 1 Mitt. 3 Vm. früh. 4 bis Nm. 5 id. (Mitt. stark). 7 Vm. früh. 15 bis Nm. (früh stark). 16 Vm. 17 Vm. früh. 18 bis Nm. 19. 20 bis Nm. 21 Vm. früh. 24 id. u. Ab. 25 Vm. früh. 26 id. (stark). 27 bis Nm. (früh stark). — **Lugano.** 14. Vm. früh dichter Hochnebel. — N-Föhn: 15 5–$22^1/_2$. 22 13–15^1 h u. Nachts. 23. 25 Ab. — **Säntis.** Ebene dunstig Ab.: 1. 12. 20 Nm. 24. — Ebene Reif Vm. früh: 1. 2. 6. 10. 11. 13. 19. 20. 27. — Morgenrot: 1–6. 8 (schwach). 9–13. 15–21. 24. 27. 28. — Abendrot: 1. 2. 4. 5. 6. 7 (schwach). 9. 11. 12. 13. 16–20. 24. 26. — Cirri: 1 Vm. früh. 4 Vm. u. Ab. 6–13. 16 Vm. früh u. Nm. 17. 18 Vm. früh u. Ab. 19 Vm. früh. u. Mitt. 20. 24. 26. 27 bis Nm. 28 $10^1/_2$ h u. Ab. — Neuschnee: 14. 13 cm; 15. 1; 22. 15; 23. 10; 24. 9; 26. 3; 28. 2. — Mittlere Höhe der Schneedecke: 1. 294 cm; 4. 292; 6. 290; 8. 288; 11. 284; 13. 282; 15. 296; 17. 294; 20. 290; 22. 304; 25. 322; 27. 324. — Mittlere Schneegrenze: 11. 1300 m; 16. 600; 20. 800; 24. 1000; 26. 600; 27. 800. — Alpen sichtbar: 1–6. 8. 10. 12. 18 je $21^1/_2$ h. 28 Nm. — Alpen hell: 7. 8 Vm. 9. 12 bis Nm. 13 Nm. 16. 17. 18 bis Nm. 19. 20 Nm. 21 Vm. früh. — Alpen klar: 1–6. 7 Mitt. 8 Nm. 9 Vm. früh. 10. 11. 12 Vm. früh u. $16^1/_2$ h. 13 Vm. 15 Vm. früh 16 id. 18 id. u. $16^1/_2$ h. 20 Vm. u. $16^1/_2$ h. 24 26. 27 bis Nm. 28 Vm. — Ebene sichtbar: 2–5 je $21^1/_2$ h. 17 Ab. 24 $21^1/_2$ h. 28 Nm. — Ebene hell: 1 Ab. 7. 8. 9. 11. 12. 13 Nm. 16. 17 bis Nm. 18 id. 19. 20. 21 Vm. früh. 24 Ab. 26. 27 bis Nm. 28 Vm. — Ebene klar: 1 bis Nm. 2–6. 8 Mitt. 10. 13 Vm. 24 bis Nm. — Nebelmeer: 1–5 (7—800 m). 6 (Vm. 6—700 m, Nm. tief). 15 $10^1/_2$ h (2400 m). 18 (teilw., 800—1200 m). 19 bis Nm. (id., 800—1000 m). 24 (Vm. teilw., 600 m; Mitt. Bodensee). 26 bis Nm. (teilw., 1600 m). — Vorbeiziehende Nebel in den Alpen: 9 Ab. (u. Ebene). 13 Ab. 27 Mitt. — Alpen Nebel: 11 $21^1/_2$ h (leicht). 15 $10^1/_2$ h. 26 Vm. früh. — Ebene Nebel: 11 $21^1/_2$ h (leicht). 15 Vm. früh. 17 Vm. und $16^1/_2$ h (teilw.). 18 $21^1/_2$ h. 19 Ab. (leicht). 24 $21^1/_2$ h (teilw.). 26 Vm. früh. — **St. Gotthard.** 6. Starkes Morgenrot. 10. Morgenrot. — Neuschnee: 14. 2 cm; 15. 8; 16. 2; 22. 5; 23. 7; 26. 6. — Totale Schneehöhe: 8. 162 cm; 15. 170; 22. 173.

März.

Bern. 12. u. 14. je Ab. Alpenglühen. — Alpen sichtbar: 5 Ab. 7 id. 10 Nm. 13 Vm. früh. 20 bis Nm. 23 Ab. 27 Vm. 28 Ab. 30 Vm. — Alpen hell: 13. 19 bis Nm. 29 Ab. 31 Vm. früh u. Ab.; je Nm.: 6. 12. 16. 18. 24. 30. — Alpen klar: 17 Nm. 18 Ab. 27 Nm. 30 Mitt. — Neuschnee: 1. 7.5 cm; 3. 18; 4. 7.5; 16. 2. — Totale Schneehöhe: 2. 15.5 cm; 3. 26. — **Neuchâtel.** 1. Neuschnee: ca. 10 cm. 5. Vm. Nebel auf dem See. 6. Nm. id. (dicht). 8. Vm. früh Nebel am Chaumont. 12. Mitt. SW-Wind auf dem See. 26. u. 31. Nm. Joran. 27. Nm. Alpen sichtbar. 31. Vm. früh u. Nm. id. — **Altdorf.** 1. Nm. Nebel im Tal. — Neuschnee: 2. 5; 3. 25 cm. — Föhn: 5. 15. 16. — Schneegrenze: 1. 600 m; 20. 1000; 26. 600; 27. 800; 30. 700. — **Genf.** Neuschnee: 1. 7; 2. 5 cm. — **Zürich.** 7. u. 16. Schneefrei. 10. Ganze Seefläche von Männedorf bis Zürich leicht überfroren (Eisdicke bis ca. 5 m/m). 19. Morgenrot. 20. Ganze Seefläche: Männedorf-Richterswil bis zum Obersee

eisfrei. — Schneegrenze: **7.** 500; **30.** 900^{m}. — Alpen sichtbar: **6** Ab. (Glärnisch). **13** Vm. früh (schwach). **19.** **24** Ab.; je Nm.: **5** (teilw.). **12.** **13** (schwach). **16.** **17.** **18.** **27** (teilw.). **28** (schwach). **30.** — Alpen hell: **16** Vm. früh (klar). **17** Ab. **20** Nm. — Cirri: **4** Ab. **5** Nm. **6.** **8** Nm. **13** Ab. **14** Vm. **16.** **19.** **20** Vm. **21** Ab. **23** Nm. **25** id. **27** Ab. **28.** **30** Vm. — Boden teilweise schneebedeckt: **2** Nm. **3.** **5.** **6** bis Nm. **16** Mitt. — Neuschnee: **1.** 6.5^{cm}; **2.** 5.5; **4.** 7; **15.** 10. — Tal u. See neblig Vm.: **14** früh. **16** id. **18.** **25.** **28.** (dunstig). — Tal u. See Nebel Vm.: **6.** **9.** **11.** **12.** **13.** **19.** **22.** — Hochnebel: **1** Nm. (leicht). **2.** **4** (leicht). **7.** **8** Vm. **21** id. **22** Nm. (leicht). **23** Vm. — **Rigi-Kulm.** **9.** Mitt. Tal dunstig. — Nebelmeer: **7** Vm. früh (teilw.). **8** Vm. **27** Mitt. (teilw.). — Neuschnee: **2.** 15^{cm}; **4.** 7; **16.** 2; **20.** 3; **21.** 2; **24.** 2; **27.** 3; **30.** 3; **31.** 2. — Totale Schneehöhe: **1.** 35^{cm}; **8.** 30; **15.** 25; **22.** 15; **29.** 20. — Teilw. Tal neblig Vm.: **4.** Mitt. **5** früh (st.). **6** früh. **7.** **8** Ab. **9.** **16.** — **Bevers.** **8.** Vm. früh Hochnebel. — Neuschnee: **1.** 4.5^{cm}; **2.** 35; **3.** 50; **4.** 8; **5.** 15; **26.** 4.5; **30.** 1 — Totale Schneehöhe: **1.** 60^{cm}; **2.** 105; **3.** 120; **4.** 128; **31.** 70. — **Sitten.** Neuschnee: **2.** 1; **3.** 23.5^{cm}. — Schneegrenze: **15.** 780^{cm}; **20.** 1300; **29.** 850. — Cirri: **4** Mitt. **5** id. **7** Vm. früh. **9** Mitt. **10** bis Nm. **14** Vm. früh. **16** bis Mitt. **17** bis Nm. **19** Vm. früh. **22** Mitt. **23** bis Nm. **31** Vm. früh. — Dunstig: **4** bis 13$^{1}/_{2}$^{h}. **22** bis Nm. **23** Ab. **24** bis Nm. **27** id.; je Vm. früh: **7.** **8.** **9.** **14.** **17.** **18.** **23.** **25.** **28.** — Hochnebel: **1** Mitt. (850^{m}). **4** Vm. früh (1300^{m}). **20** id. (800^{m}). **21** id. (1500^{m}). **31** Mitt. (1300^{m}). — **Lugano.** **1.** Schnee auf den umliegenden Bergen; Nm. NE_2. — N-Föhn: **21** seit Ab. **22** 15–18$^{1}/_{2}$^{h}. **26.** **27.** Vm. — **Basel.** Neuschnee: **1.** 22^{h}; 11^{cm}; **2.** 10; **3.** 2; **4.** 1; **15.** Nm. 2. — **Säntis.** Morgenrot: **1** (schwach). **2** (id.). **4.** **5.** **6** (schwach). **7.** 8 (schwach). **9.** **10.** **11** (schwach). **12.** **13.** **14** (schwach). **16–19.** **21** (schwach). **22** (id.). **24.** **27.** **31.** — Abendrot: **2–5.** **7** (schwach). **8.** **9.** **10.** **12.** **14–18.** **19** (leicht). **23.** **24.** **27.** **28.** **31** (leicht). — Cirri: **1** Vm. früh. **2–9** Nm. **10–13** Nm. **14.** **15** Ab. **16.** **17.** **18** Vm. u. Ab. **19.** **20** Mitt. **21.** **22.** **23** 10$^{1}/_{2}$^{h}. **24** Vm. früh u. Ab. **25** Ab. **27** Nm. **28** bis Nm. **29** 10$^{1}/_{2}$^{h}. **30.** **31.** — Neuschnee: **2.** 1^{cm}; **3.** 1; **4.** 1; **8.** 1; **12.** 2; **15.** 2; **16.** 1; **20.** 7; **26.** 6; **27.** 17; **29.** 13; **30.** 17; **31.** 5. — Mittlere Höhe der Schneedecke: **1.** 323^{cm}; **3.** 325; **6.** 323; **8.** 321; **10.** 316; **12.** 315; **15.** 314; **17.** 310; **19.** 306; **22.** 314; **24.** 311; **27.** 332; **29.** 334. — Mittlere Schneegrenze: **5.** 700^{m}; **13.** 1100; **27.** 500; **31.** 1200. — Alpen sichtbar: **1** Vm. früh. **2.** **3.** **4.** **7** Nm. **8.** **10.** **11** (zeitw.). **12** Nm. **13** 21$^{1}/_{2}$^{h}. **17** id. **18** Ab. **20** Mitt. **23** 10$^{1}/_{2}$ u. 21$^{1}/_{2}$^{h}. **25** Ab. **27** Nm. **28.** **30** bis Nm. **31** Ab. — Alpen hell: **4** Ab. bis **7** Vm. **9** Vm. **10** Vm. früh. **12** Vm. **13** bis Nm. **14.** **15** Ab. **16.** **18** bis Nm. **19.** **22** Vm. **24** Nm. **27** Vm. **31** bis Nm. — Alpen klar: **16** Vm. früh u. 16$^{1}/_{2}$^{h}. **17.** **24** Vm. — Ebene sichtbar: **1** Vm. früh. **2.** **3** (zeitw.). **4.** **8** Nm. **10** id. **11.** **13** 21$^{1}/_{2}$^{h}. **20** Mitt. **21** Vm. (teilw.) u. 16$^{1}/_{2}$^{h}. **22** Vm. **23** 10$^{1}/_{2}$^{h} u. 21$^{1}/_{2}$^{h}. **27** 21$^{1}/_{2}$^{h}. **28.** **30** Mitt.; je Ab.: **6.** **12.** **18.** **19.** **24.** **25.** — Ebene hell: **5.** **6** bis Nm. **9** Vm. u. Ab. **10** Vm. **12** bis Nm. **13** id. **14** Vm. **15** Ab. **16** (früh klar). **17.** **18** bis Nm. **19** id. **24.** **27** Vm. **31.** — Nebelmeer: **2** Nm. (1100–1300^{m}). **3** id. (teilw., 1600^{m}), **4** id. **5** Vm. (teilw., tief bis 600^{m}). **7** (Vm. teilw., 1500; Nm. 1600^{m}). **8** Vm. (1100^{m}). **14** Nm. (1800—2000^{m}). — Alpen dunstig: **9** 10$^{1}/_{2}$^{h}. **12** id. u. Ab. **18** bis Nm. **24** Nm. **28** bis Nm. — Ebene dunstig: **6** Ab. **8** Nm. **9** Vm. **12** 10$^{1}/_{2}$ u. 16$^{1}/_{2}$^{h}. **17** Nm. **18.** **19** 16$^{1}/_{2}$^{h}. **22** Vm. früh. **24** Nm. **28** bis Nm. — Vorbeiziehende Nebel in der Ebene: **14** 10$^{1}/_{2}$^{h}. **17** 16$^{1}/_{2}$^{h}. **27** id. — Alpen Nebel: **7** 21$^{1}/_{2}$^{h} (leicht). **9** Nm. **10** 16$^{1}/_{2}$^{h}. **11** 10$^{1}/_{2}$ u. 16$^{1}/_{2}$^{h}. **14** 21$^{1}/_{2}$^{h} (leicht). **21.** **22** Nm. **23** 10$^{1}/_{2}$^{h}. **24** 21$^{1}/_{2}$^{h}. **27** Mitt. **29** 10$^{1}/_{2}$^{h}. **30** Ab. — Ebene Nebel: **2** Vm. **3** Vm. (teilw.). **4** id. **7** 21$^{1}/_{2}$^{h} (leicht). **10** 16$^{1}/_{2}$^{h}. **11** Vm. früh u. 16$^{1}/_{2}$^{h}. **14** 21$^{1}/_{2}$^{h} (leicht). **15** 16$^{1}/_{2}$^{h} (teilw.). **21** bis Nm. **22** Nm. **23** 10$^{1}/_{2}$^{h}. **27.** **29** 10$^{1}/_{2}$^{h}. **30.** **31** Mitt. — **St. Gotthard.** Totale Schneehöhe: **1.** 154^{cm}; **8.** 280; **15.** 220; **22.** 210; **29.** 200. — Neuschnee: **1.** 7^{cm}; **2.** 52; **3.** 41; **4.** 37; **5.** 20; **6.** 8; **7.** 1; **15.** 2; **16.** 21; **17.** 3; **20.** 2; **21.** 0.5; **26.** 10; **27.** 3; **31.** 6.

April.

Bern. **5.** Donner (l. Gew.) 16^{h}53^{m}–17^{h}. **14.** Ab. Blitze im SW u. W.; Nachts Do. (Gew.). **22.** Neuschnee: 1.5^{cm}. — Alpen sichtbar: **13.** **27** Vm. früh. — Alpen hell: **1** Nm. **3.** **4.** **11** Nm. **12** id. **14** Ab. **25** id. **26** (klar). — **Neuchâtel.** **14.** Blitze im W zwischen 19 u. 20^{h}, id. zw. 21 u. 22^{h} nach allen Richtungen u. seit 21$^{1}/_{2}$^{h} Gewitter im S. **25.** Vm. früh Nebel auf dem See. — Alpen sichtbar: **1** Vm. früh. **3** bis Nm. **4** id. **26** Vm. früh. — Joran: **7** Ab. **15** id. **27** Nm. **29** seit 16^{h}. — Nebel am Chaumont: **2** Vm. früh. **5** Mitt. **22** id. — **Altdorf.** **8.** Bis Nm. u. **28.** Vm. früh Hochnebel (700^{m}). **15.** Mehrmals Donner 16$^{3}/_{4}$^{h}. **17.** Vm. früh dunstig. — Föhn: **1.** **4.** **5** 15–17^{h}. **8/9** Nachts. **9.** **10** Nm. **11.** **12** seit 14^{h}. **13.** **14.** **25** Nm. **26** id. — Angeschneit: **19** (Vm. früh bis zu 900, Mitt. 650^{m}). **20.** **21** (je 600^{m}). — Nebel an den Bergen: **16** bis Nm. **24** Vm. früh. **29** id. — **Genf.** **2.** **7.** u. **19.** Neuschnee auf den Bergen. **14.** Gewitter im E 16^{h}20^{m} (Hagelschauer an einigen Orten des Kantons): Ab. zahlreiche Blitze im SE u. N. **21.** u. **22.** Neuschnee: 4^{cm}. — **Zürich.** **4.** Vm. früh Tal u. See dunstig; Schneegrenze: 1300^{m}. **14.** Ab. Blitze im NW. **19.** Mitt. teilw. schneebedeckt. **20.** Vm. früh Dächer schneebedeckt. **25.** Donner im S 15^{h}25^{m}. — Alpen sichtbar: **9** 16^{h}. **13** Vm. früh. — Alpen hell: **3** seit 9$^{1}/_{2}$^{h}. **11** Vm. früh u. Nm. **12** Nm. **13** id. **14** Vm. (teilw.). **25** Nm. **26.** — Alpen klar: **4.** **25** Ab. **26** id. — Neuschnee: **19.** 3; **21.** Ab. 1^{cm}. — Cirri: **3** Nm. **4.** **5** Vm. **9** Vm. früh. **10** Nm. **11.** **12** Vm. **13.** **14** Vm. **26** Nm. **27** Vm. — Tal u. See neblig Vm.: **3.** **5.** **27** bis 9$^{1}/_{2}$^{h}. — Hochneblig: **10** Vm. u. Ab. **17** (stark). **18.** **29** Vm. — **Rigi-Kulm.** Nebel im Tal Vm. früh: **1** (teilw.). **9.** **11** (teilw.). — Nebelmeer: **10** Vm. früh. **16** Ab. (teilw.) **24** Vm. früh. (teilw., 1600^{m}). — Totale Schneehöhe: **5.** 10^{cm}; **12.** 5; **19.** 12; **26.** 3. — Neuschnee: **7.** 3^{cm}; **11.** 1; **16.** 8; **17.** 2; **20.** 2; **22.** 4; **23.** 2. — **Bevers.** **3.** Vm. früh Hochnebel (1900^{m}). **18.** Vm. früh l. Hochnebel. **29.** Vm. früh neblig an den Berghängen. **30.** Linke Seite der Talsohle schneefrei. — Neuschnee: **1.** 3^{cm}; **16.** 2; **20.** 2; **22.** 5.5. — **Sitten.** **11.** u. **12.** je Nm. E_4. **23.** Nm. W_3. **25.** Nm. SE_3. — Dunst Vm. früh: **3.** **11.** **18** (stark). **23.** **25.** **26.** **27.** — Schneegrenze: **2.** 1800^{m}; **5.** 1500; **10.** 1970; **19.** 1700; **22.** 1300. — Cirri: **17** Ab. **18** bis Nm. **25** Mitt. **28** id. **29** Vm. früh. — Hochnebel: **2** (1800^{m}). **5** (1500^{m}). **8** Vm. früh (780^{m}). **15** id. (700^{m}). **20** (1000—1700^{m}). **21** Nm. (800—1000^{m}). **22** id. (1300^{m}); je bis Nm.: **6** (1300^{m}). **16** (1400^{m}). **17** (13—1900^{m}). **18** (1000—2200^{m}). **19** (11–2200^{m}). **28** (600—1700^{m}). **29** (14—2200^{m}). **30** (1000—1600^{m}). — **Lugano.** **22.** Schnee auf den umliegenden Bergen. — **Basel.** **14.** Donner 17$^{1}/_{4}$^{h} im N, 18$^{1}/_{2}$^{h} im NW; Blitze 20$^{1}/_{4}$–22^{h} im N, 20$^{3}/_{4}$–22^{h} im SW u. 21$^{1}/_{4}$–22^{h} im S. **27.** Gewitter 15$^{1}/_{2}$–17$^{1}/_{2}$^{h} von SW–NE. — **Säntis.** **10.** Gewitter im Thurgau 15$^{1}/_{2}$–16$^{3}/_{4}$^{h}. **13.** Ab. Ebene dunstig. **14.** Seealp-See eisfrei. **29.** Gew. im NE–S 15^{h}40–17^{h}20^{m}. **30.** 7^{h}35^{m} ferner Donner im NE. — Morgenrot: **1–5.** **8.** **9** (schwach). **10** (id.). **11.** **12.** **13** (schwach). **14** (id.). **15** (id.). **17.** **18.** **21** (schwach). **24.** **25.** **26.** **29** (schwach). — Abendrot: **1.** **3** (schwach). **4.** **8** (schwach). **9.** **11.** **12** (schwach). **13.** **14.** **17.** **23.** **25.** **26.** **28.** — Neuschnee: **3.** 2^{cm}; **6.** 1; **7.** 7; **8.** 1; **11.** 2; **16.** 20; **19.** 4; **20.** 2; **22.** 2; **23.** 8; **25.** 2; **27.** 1; **28.** 2; **30.** 4. — Mittlere Höhe der Schneedecke: **1.** 350^{cm}; **3.** 345; **5.** 341; **8.** 345; **10.** 340; **12.** 338; **14.** 330; **16.** 345; **19.** 348; **22.** 352; **24.** 360; **26.** 360; **28.** 361; **30.** 363. — Mittlere Schneegrenze: **9.** 1400; **22.** 600; **25.** 1200^{m}. — Cirri: **1.** **2** Vm. früh. **3.** **4.** **5.** **8–15** Vm. früh. **17.** **18** Vm. **20.** **21** bis Nm. **22** id. **23** Vm. früh u. Nm. **24.** **25.** **26.** **27** Mitt. **29** bis Nm. **30** Vm. früh. — Alpen sichtbar: **5** Nm. **8.** **9** Vm. **13** Nm. **17** Ab. **20.** **21** bis Nm. **23** Nm. **24** bis Nm. **25.** **28** Ab. **29** Nm. — Alpen hell: **1.** **2** Vm. früh. **3.** **4.** **5** Vm. **9** Nm. bis **13** Vm. **14.** **15** Vm. früh. **17** bis Nm. **18** Vm. **21** Vm. früh. **22** Vm. **24** Vm. früh. **25** id. u. Ab. **26.** **29** Vm. — Ebene sichtbar: **5** Nm. **10** (teilw.). **15** Vm. früh (id.). **23** Vm. früh u. 21$^{1}/_{2}$^{h}. **25.** **26** Ab. **27** Vm. früh. **28** 16$^{1}/_{2}$^{h} (teilw.). — Ebene hell: **1.** **2** Vm. früh. **3.** **4.** **5** Vm. **9** (früh klar). **10** Vm. früh. **11–14.** **22** Vm. früh. **26** bis Nm. **29** 21$^{1}/_{2}$^{h}. — Nebelmeer: **8** (15–1700^{m}; zeitw. lückenhaft). **9** Vm. früh (teilw., 600^{m}). **17** (16–1900^{m}). **18** Vm. (1800–2000^{m}). **20** Ab. (2300^{m}). **21** bis Nm. (18–2200^{m}). **24** bis Nm. (teilw., 15–1800^{m}). **29** Vm. (teilw., 18[illegible]^{m}). — Alpen Nebel: **15** 10$^{1}/_{2}$^{h}. **20** Mitt. **22** id. **23** Vm. früh. **24** Ab. **27** Mitt. — Ebene Nebel: **5** Ab. (teilw.). **8** 21$^{1}/_{2}$^{h}. **10** bis Nm. **15** Vm. **20.** **22** Vm. (teilw. u. tief). **23** Vm. früh u. Nm. **24** Ab. **28** id. **29** Vm. früh. — **St. Gotthard.** Neuschnee: **1.** 8^{cm}; **2.** 45; **3.** 10; **5.** 5; **8.** 2; **9.** 9; **10.** 60; **13.** 10; **14.** 8; **15.** 5; **16.** 7; **17.** 10; **18.** 2; **19.** 5; **20.** 4; **21.** 16; **22.** 5; **26.** 10; **28.** 11; **29.** 4; **30.** 6. — Totale Schneehöhe: **5.** 245^{cm}; **12.** 310; **19.** 280; **26.** 310.

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Bern. **11.** Ferner Donner im NW 14$^{1}/_{2}$^{h}. **15.** Vm. früh Hochnebel. **20.** Blitze im SW 21^{h}. **21.** Gewitter längs der Stockhornkette 17–18^{h}, später Blitze im SW. — Alpen sichtbar Vm. früh: **15.** **19** u. Ab. **23.** **28.** — Alpen hell: **3** Nm. **4** id. **13.** **17.** **18** je Vm. früh. **22.** **31** Ab. — **Neuchâtel.** **11.** Gewitter im SW 21^{h}. **20.** Ab. Blitze im SW. **21.** Id. im S u. SW. — Donner: **11** 14–14$^{1}/_{2}$^{h} (im SE). **17** 15$^{3}/_{4}$^{h} (im N). **18** 10$^{1}/_{2}$, 11$^{1}/_{2}$, 14–16^{h} (id.). — Joran Ab.: **8.** **10.** **21** 16–18^{h}. **22.** **24.** **25.** — **Altdorf.** **19.** Donner (Gew.) aus W 15$^{1}/_{2}$^{h}. **20.** Intensives Abendrot 20$^{1}/_{2}$^{h}. — Föhn: **4** Nm. (leicht). **5.** **6** Nm. **7** bis Nm. — Nebel an den Bergen Vm. früh: **1.** **12** (schwach). **27.** — **Genf.** **19.** Ab. Blitze im S. **20.** Salève vollständig schneefrei: Ab. zahlreiche Blitze nach allen Richtungen. — Gewitter Ab.: **11** (im E). **17** (W). **18** (id.). **21** 16$^{3}/_{4}$^{h} (im S), 17$^{1}/_{2}$^{h} (E u. N). 17$^{3}/_{4}$^{h} (im Zenith; strichweise Hagelfälle). — **Zürich.** **4.** Starkes Morgenrot 4$^{1}/_{2}$–5^{h}. **6.** Vm. hochneblig. **14.** Schneegrenze: 16–1700^{m}. **16.** Vm. Hochnebel. **17.** Vm. Limmattal Nebel. **26.** Gewitter aus NW nach SW 12–13^{h}5^{m}. — Tal u. See dunstig: **4** Vm. **11.** **17.** **18.** **23** je Vm. früh. — Alpen sichtbar: **3** Nm. **4** id. **5.** **6** Nm. **7** Vm. **8** id. (Voralpen). **18** Nm. (schwach). **19.** **21.** **22.** **28** Vm. früh. **29** Vm. **31.** — Alpen hell: **7** Nm. **13** Vm. früh (klar). **21.** Vm. früh. — Cirri: **3.** **4.** **5** Vm. **6** id. **11.** **17** Nm. **18.** **19** Nm. **22** Vm. **23** Nm. **27.** **29.** **30** Vm. — **Rigi-Kulm.** **1.** Neuschnee: 3^{cm}. **16.** Vm. früh Nebelmeer (700^{m}). **17.** Seit 16^{h} u. **20.** 21$^{1}/_{2}$^{h} Gewitter im SE. — Teilw. Nebel im Tal: **3** Vm. früh. **6** id. **15** Ab. **16** Mitt. (leicht). **17** Vm. früh. — **Bevers.** **2.** Talsohle schneefrei. **15.** Schnee bis zu 1720^{m} herab. **16.** Donner im S 18^{h}20^{m}. **24.** Id. im N 17$^{3}/_{4}$^{h}. **28.** Schnee bis 1960^{m}. — **Sitten.** **20.** Donner 17^{h}. **23.** Nm. mehrmals Donner. — Cirri: **1.** **2.** **3** je Mitt. **4** bis Nm. **12** Nm. **13** Mitt. **14** Ab. **15** Vm. früh u. Ab. **16** Ab. **27** Vm. früh. **29** bis Nm. — Dunst Vm. früh: **3.** **11.** **13.** **16–23.** **26** (stark). **27.** **28.** **31** (stark). — Hoch-

nebel: **1** bis Nm. (13–1700^{m}). **9** Vm. früh (1300^{m}). **12** id. **14** bis Nm. (1200–2000^{m}). — **Lugano.** **25.** N-Föhn $4^{1}/_{2}$–$22^{1}/_{2}{}^{h}$. — **Basel.** **7.** Gewitter von W–E 16–$16^{h}50^{m}$ u. $16^{1}/_{2}{}^{h}$ W$_{3}$. **11.** Id. $14^{h}50^{m}$–$15^{1}/_{2}{}^{h}$ u. 15^{h} W$_{3}$. **17.** Abendrot 20^{h} u. Purpurlicht. **18.** u. **19.** je Ab. Cirri. **26.** Donner im SE–S $12^{1}/_{2}$–$14^{1}/_{2}{}^{h}$. — **Säntis.** **13.** Ab. öfters Blitze am SW–SE-Horizont. **21.** Id. im E. **23.** Gewitter aus SE $15^{h}46^{m}$–$16^{h}20^{m}$; $19^{1}/_{4}{}^{h}$ öfters Blitze u. Donner (Gew.) im W–NE. — Donner: **11** $18^{h}4^{m}$ (fern, im E). **17** $16^{1}/_{2}$–18^{h} (fern, im W–S). **18** $15^{h}40^{m}$ (fern, im NE). **19** $17^{h}25^{m}$ (im NE). **24** $18^{h}40^{m}$ (öfters, im E). — Morgenrot: **2.** **3.** **4.** **6.** **7.** **11.** **16.** **17.** **19–23.** **30.** **31.** — Abendrot: **2.** **3.** **4.** **6** (schwach). **7** (id.). **10.** **13.** **16.** **17.** **18.** **20–23.** **25.** **26** (schwach). **29** (id.). **30.** **31.** — Neuschnee: **1.** 6^{cm}; **8.** 2; **9.** 1; **10.** 1; **12.** 2; **13.** 13; **15.** 11; **25.** 8; **26.** 1; **28.** 1. — Mittlere Höhe der Schneedecke: **3.** 362^{cm}; **5.** 341; **7.** 315; **10.** 318; **12.** 308; **15.** 332; **17.** 315; **19.** 292; **22.** 268; **24.** 245; **26.** 250; **28.** 248; **31.** 232. — Mittlere Schneegrenze: **6.** 1600; **30.** 2000^{m}. — Cirri: **2.** **3** Vm. früh u. Nm. **4–7.** **10.** **11.** **13** Vm. früh u. Nm. **14** Vm. früh. **16** Nm. **17** Vm. früh u. Ab. **18** bis Nm. **19** Vm. **20** Vm. früh. **21** Vm. früh u. Mitt. **22** id. **23.** **26.** **28** je Vm. früh. **30** Vm. **31** Vm. früh u. Ab. — Alpen sichtbar: **5** Ab. **11** Nm. **13** Vm. früh. **14** id. **16.** **17.** **18.** **19** Nm. **20** id. **21.** **22** Nm. **23** Vm. früh u. Mitt. **29** Mitt. **31** Vm.; je $21^{1}/_{2}{}^{h}$: **2.** **10.** **13.** **15.** **29.** **30.** — Alpen hell: **3.** **4.** **5** bis Nm. **6.** **7.** **31** Nm; je Vm.: **2.** **11.** **16** früh (klar). **17** früh. **19.** **20.** **22.** **30.** — Ebene sichtbar: **3** Nm. **10** id. **13** Vm. früh. **14** id. (teilw.). **16** Vm. **17.** **18.** **19** Ab. **20** Nm. **21.** **23** Vm. früh u. Mitt. **29** Mitt.; je $21^{1}/_{2}{}^{h}$: **2.** **13.** **16.** **22.** **29.** **30.** — Ebene hell: **3** Vm. u. $21^{1}/_{2}{}^{h}$. **4–7.** **10** $21^{1}/_{2}{}^{h}$. **11** Vm. **17** Vm. früh. **19** bis Nm. **20.** **22.** **30** je Vm. **31.** — Alpen dunstig; **17** $10^{1}/_{2}{}^{h}$. **21** Vm. **29** Mitt. **30** Vm. früh. **31** $16^{1}/_{2}{}^{h}$. — Ebene dunstig: **4** Nm. **5** Vm. **11** id. **17.** **21** Vm. **29** Mitt. **30** Vm. früh. **31** $16^{1}/_{2}{}^{h}$. — Nebelmeer Vm.: **2** (1500^{m}). **3** früh (Bodensee). **16** (teilw., 11–1300^{m}). **17** früh (Bodensee). — Alpen Nebel: **1** $21^{1}/_{2}{}^{h}$. **2** Ab. **10.** **13** Mitt. **16** id. **18** Vm. früh. **23** Mitt. **26** $21^{1}/_{2}{}^{h}$ (leicht). **30** Nm. — Ebene Nebel: **1** $21^{1}/_{2}{}^{h}$. **2** Ab. **10** bis Nm. **11** Nm. **13** Mitt. **14** Vm. früh. **15** $21^{1}/_{2}{}^{h}$. **16** Nm. **18** $16^{1}/_{2}{}^{h}$. **22** Nm. **23** Mitt. **26** $9^{1}/_{2}{}^{h}$ (leicht). **30** Nm. — **St. Gotthard.** Blitze Nachts: **18/19** (im SW). **20/21** (im S). **25/26** (id.). — Neuschnee: **1.** 10^{cm}: **2.** 3; **6.** 6; **7.** 8; **8.** 5; **14.** 4; **15.** 43. — Totale Schneehöhe: **3.** 268^{cm}; **10.** 254; **24.** 148; **31.** 96.

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Bern. Alpen sichtbar: **2** Ab. **6.** **7** Vm. früh. **14.** **24.** — Alpen hell: **1.** **6** (klar). **19.** **23.** **26** (klar) je Vm. früh; **24** Ab. **25** id. — **Neuchâtel.** **21.** Vm. früh Nebel am Chaumont. **23.** Alpen sichtbar. **26.** Donner im SW zwischen 13 u. 14 u. um 16^{h}. — Gewitter: **11** 21–22^{h} (aus NE). **15** $11^{1}/_{4}$–$12^{1}/_{4}{}^{h}$ (a. SW). **27** 5–$6^{1}/_{2}{}^{h}$ (a. NE). **30** 10–13 u. 15–16^{h} (im N nach NE ziehend). — Joran: **10** (zeitw.). **26** Nm. **29** Mitt.; **3.** **8.** **11.** **24** je Ab. — **Altdorf.** **6.** Vm. früh teilw. Frost gegen Seedorf. **18.** u. **21.** Schnee bis zu 1000^{m} herab. **26.** Nm. ferner Donner. — Hochnebel: **2** Vm. früh (900^{m}). **10** Ab. (800^{m}). **11** Vm. früh. **13** Vm. früh (800^{m}). **16** id. **17** bis Nm. **18** Mitt. — **Zürich.** **10.** Vm. u. **15.** Vm. früh Tal u. See dunstig. **18.** Schneegrenze: 1300^{m}. **19.** u. **28.** je Vm. früh Tal u. See neblig. — Gewitter: **15** $12^{h}14$–50^{m} (im Zenith nach S, später SW) u. $18^{h}8$–40^{m} (im Zenith). **20** 13–$13^{h}17^{m}$ (aus NW nach S). **26** $17^{h}9$–18^{m} (im WSW u. S). **27** $8^{h}15$–50^{m} (a. W u. E). **29** 5–$5^{1}/_{4}{}^{h}$ (im Zenith). — Donner: **15** $10^{1}/_{2}$–$14^{1}/_{4}{}^{h}$ (fern, im S–SW). **20** $12^{h}50^{m}$. **26** 15 u. $16^{1}/_{2}{}^{h}$ (im S). — Alpen sichtbar: **6.** **7.**; je Nm.: **8.** **19.** **24.** **25.** — Alpen hell: **26** Vm. **29** bis $9^{1}/_{4}{}^{h}$. — Alpen klar: **25** Ab. **26** bis 9^{h}. — Cirri: **8.** **9.** **13.** **19.** **24** Nm. **26** Vm. **28.** **29** Nm. — Hochnebel: **4** Vm. **5** Vm. früh. **11.** **12.** — **Rigi-Kulm.** **19.** Vm. früh teilw. Nebel im Tal. — Nebelmeer Vm. früh: **2** (teilw.). **5** (id.). **17** (1400^{m}). — **Bevers.** **6.** Vm. früh Neuschnee: $5^{1}/_{2}{}^{cm}$. **11.** Vm. früh teilw. Nebel an den Bergen. **24.** Mitt. schneefrei. — Schneegrenze: **6.** 1980^{m}; **19.** 1900^{m}; **20.** 2000; **21.** id. — **Sitten.** **7.** Ab. NW$_{4}$. **10.** Hochnebel (Vm. früh 1700 u. Ab. 1300^{m}). **27.** Vm. früh Nebel in 300^{m} Entfernung. — Angeschneit: **11** (bis zu 1600^{m} herab). **18** (1900^{m}). **21** (2000^{m}). **22** (id.). — Cirri: **9** Mitt. **11** Nm. **13** bis Nm. **14** Vm. früh. **15** id. **24** Mitt. **26** id. **28** Nm. — Dunst Vm. früh: **1–9.** **13.** **15.** **19.** **28** (intensiv). — **Lugano.** N-Föhn: **17.** **18.** **21** 19–$20^{1}/_{2}{}^{h}$. **23.** **30** bis $14^{1}/_{2}{}^{h}$. — **Basel.** **7.** Donner im E nach NE $16^{h}54^{m}$–$17^{1}/_{2}{}^{h}$. **11.** Gewitter 20^{h}–$20^{h}50^{m}$ von E n. NW. **13.** Abendrot auf Ci-str. $20^{1}/_{2}$–$20^{3}/_{4}{}^{h}$. **26** $20^{3}/_{4}{}^{h}$ Abendrot. **27** Donner im SW $6^{h}2^{m}$–$7^{h}5^{m}$. — **Säntis.** Heftiger Blitz nahe im S 21^{h}. **4.** Donner im E $12^{h}20^{m}$. **14.** Ab. u. **15.** Vm. Alpen dunstig. **15.** Gewitter $15^{h}13$–45^{m} im E–SE. **26.** Gew. $15^{h}22$–40^{m}. **27.** Gew. $5^{h}12^{m}$ (heftiger Blitzschlag ins Bureau, Telegraphenlinie gestört, Kabel beschädigt). **29.** Gew. $16^{h}55^{m}$ (heft. Blitzschlag ins Bureau). — Morgenrot: **1.** **2.** **3.** **6–9.** **14.** **15.** **17** (schwach). **19.** **26.** **28.** — Abendrot: **1.** **2.** **6.** **7.** **9** (schwach). **13.** **14.** **18.** **27.** **28.** — Neuschnee: **5.** 1^{cm}; **6.** 1; **17.** 1; **18.** 31; **19.** 2; **20.** 7; **21.** 7; **22.** 21; **23.** 5; **24.** 7; **25.** 10; **28.** 3; **30.** 3. — Mittlere Höhe der Schneedecke: **2.** 218^{cm}; **4.** 208; **7.** 195; **9.** 174; **11.** 165; **14.** 132; **18.** 135; **21.** 148; **23.** 170; **26.** 185; **28.** 187; **30.** 176. — Mittlere Schneegrenze: **18.** 1600^{m}; **19.** 1500; **24.** 1600; **26.** 1700. — Cirri: **1** Ab. **2** Vm. u. Ab. **3** Vm. **7** Vm. u. Ab. **8** id. **9.** **11** bis Nm. **14.** **17** bis Nm. **19** id. **24** Nm. **25** Ab. **26** Vm. **29** bis Nm. **30** Ab.; je Vm. früh: **1.** **6.** **15.** **16.** **28.** — Alpen sichtbar: **3.** **8.** **9.** **10** Vm. früh. **11** bis Nm. **13** $21^{1}/_{2}{}^{h}$. **15** Vm. **16** $21^{1}/_{2}{}^{h}$. **17** Vm. **18** Ab. **19** bis Nm. **27** $21^{1}/_{2}{}^{h}$. **28**; je Nm.: **1** (teilw.). **2.** **6.** **7.** **14.** — Alpen hell: **17** Mitt. **24** Nm.; je Vm.: **1.** **2.** **3** früh. **6** id. **7.** **14** (klar). **19** früh. **27.** **28** früh. — Ebene sichtbar: **1** (teilw.). **2.** **3.** **6** Nm. **7** Ab. bis **10** Vm. früh. **13** $21^{1}/_{2}{}^{h}$. **14** Nm. **15** Vm. **18** Ab. **19** bis Nm. **27** $21^{1}/_{2}{}^{h}$. **28** id. — Ebene hell: **1.** **3.** **6.** **19** je Vm. früh. **7** bis Nm. **8** $10^{1}/_{2}{}^{h}$. **14** Vm. **24** Nm. **27** Vm. **28** id. — Ebene dunstig: **14.** **15** Vm. **24** $16^{1}/_{2}{}^{h}$. — Nebelmeer: **2** Vm. früh (1800^{m}). **17** Vm. (1000–1100^{m}). **19** Vm. früh (Bodensee). — Alpen Nebel: **2** Nm. (teilw.). **13** $10^{1}/_{2}{}^{h}$. **15** Mitt. **16** Vm. früh. **25** $16^{1}/_{2}{}^{h}$. **28** Ab. **29** $10^{1}/_{2}{}^{h}$. **30** id. u. $16^{1}/_{2}{}^{h}$. — Ebene Nebel: **1.** **2** Nm. (teilw.). **3** Mitt. **6** Vm. früh (teilw.). **11** bis Nm. **13** $10^{1}/_{2}{}^{h}$. **15** Mitt. **16** Vm. früh u. $21^{1}/_{2}{}^{h}$. **17** Mitt. **25** $16^{1}/_{2}{}^{h}$. **28** Nm. **29** $10^{1}/_{2}{}^{h}$. **30** id. u. $16^{1}/_{2}{}^{h}$. — **St. Gotthard.** **14.** Erdboden bis zur Hälfte schneefrei. **17.** Gew. im S $8^{1}/_{4}{}^{h}$. **25.** Gotthard-Strasse offen. — Neuschnee: **18.** 20^{cm}; **22.** 5; **24.** 6.

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Bern. **2.** u. **30.** je Vm. früh Dunst. **10.** Gewitter längs des Jura $19^{1}/_{4}$–$19^{3}/_{4}{}^{h}$. **17/18.** Mittern. Donner. **20.** Gew. im W u. NW $20^{3}/_{4}$–$21^{1}/_{4}{}^{h}$. **27.** $19^{1}/_{2}{}^{h}$ ferner Donner. — Alpen sichtbar: **8.** **9** Vm. früh. **16** Mitt. **29** bis Nm. **30** id. **31** Vm. früh. — Alpen hell: **7.** **8** Ab. **14** Vm. früh. **15** Ab. **16.** **17.** **19** Nm. **20** Ab. **22.** **24** Vm. früh. **31** Ab. — Alpen klar: **20.** **21.** **22** Vm. früh. **29** id. — **Neuchâtel.** **16.** Nachts gegen 1^{h} Donner. **18.** Nachts g. 2^{h} starker W u. Gewitter im W. **20.** Ab. Blitze im SW. **23.** Mitt. Nebel am Chaumont. **27.** Oefters Do. im NW nach $18^{1}/_{2}{}^{h}$. — Alpen sichtbar: **8.** **20.** **21** Nm. **22.** — Joran: **3** Nm. **18** Ab. **19** seit 19^{h}. **25** Ab. **26** s. Ab. **31** s. $18^{1}/_{2}{}^{h}$. — **Altdorf.** **13.** Mehrmals Donner 20^{h}. **17.** Seit Ab. u. **20.** s. $17^{1}/_{2}{}^{h}$ Föhn. **27.** Donner $14^{1}/_{2}{}^{h}$. **28.** Bis Nm. Hochnebel (1100^{m}). — **Genf.** **10.** Gewitter im W $17^{1}/_{4}{}^{h}$ u. 21^{h} im W u. NE. **14.** Gew. im W $17^{1}/_{2}{}^{h}$. — **Zürich.** **3.** Vm. hochneblig. **17/18.** Seit Mitternachts st. Blitze u. mehrm. Donner im NW u. E. **20.** Ab. Blitze im N u. SE. **29.** Schneegrenze: ca. 2000^{m}. — Gewitter: **2** $17^{h}27^{m}$–$18^{h}20^{m}$ (von NW nach S). **9** 17–$17^{1}/_{2}{}^{h}$ (nahe im SE). **18** $12^{1}/_{2}{}^{h}$ (im Zenith). — Donner: **2** $17^{h}6$–23^{m} (im N). **9** $15^{1}/_{2}{}^{h}$–$15^{h}54^{m}$ (im SW). **27** $16^{h}55^{m}$ (im N). — Alpen sichtbar: **2.** **16.** **17** je Nm. **19** (schwach). **20.** **22**; je Vm.: **1.** **9.** **14.** **15.** **21.** **23.** **29** früh. — Alpen hell Vm.: **15** früh. **16.** **17.** **20** früh. **23** bis 9^{h}. — Tal u. See dunstig Vm.: **3** früh. **6** id. (intensiv). **23.** — Dunstig: **8** Vm. (Horizont). **30** Vm. früh. **31** id. — Cirri: **2.** **5** Nm. **8.** **9.** **11–14** Vm. **16** Vm. **17.** **18.** **19** Vm. **20.** **22.** **25.** **30** Nm. — **Bevers.** **16.** Vm. früh Hochnebel (1750^{m}). — Schneegrenze: **2.** 1200^{m}; **11.** 2400; **28.** 1210. — **Sitten.** **27.** Nm. Schnee auf den Bergen. **28.** Angeschneit bis zu 2000^{m}. — Dunst Vm. früh: **1** (intensiv). **2.** **6.** **7.** **8** (intensiv). **9.** **13.** **14.** **18.** **22.** **24.** **30.** **31.** — Cirri: **2** Ab. **9** Vm. früh. **12** Ab. **14** Vm. früh. **18.** **20** Vm. früh. **21** id. **22** bis Nm. **25** id. **27** id.; je Mitt.: **8.** **13.** **15.** **28.** **29.** — Hochnebel: **3** Ab. (1700^{m}). **4** Vm. früh (850^{m}). **5** id. (1500^{m}). **9** Ab. (1000^{m}). **10** (Vm. früh 700 u. Mitt. 1000^{m}). **28** bis Nm. (17—1900^{m}). — **Lugano.** Donner: **9** $15^{1}/_{2}{}^{h}$. **14** Vm. (im W). **26** Mitt. (SW). — N-Föhn: **3** Mitt. **5** Vm. früh. **28** $12^{1}/_{2}$–$15^{1}/_{2}{}^{h}$. — **Basel.** **9.** Blitze im N $1^{1}/_{2}{}^{h}$, dann Gewitter von SW–E. **10.** Ab. Gew. von SW–NE. **20.** Blitze im SE–E $21^{3}/_{4}$–$22^{1}/_{4}{}^{h}$. — Donner: **9** 1–$1^{3}/_{4}{}^{h}$ (im S nach SE). **18** $0^{h}40^{m}$–$1^{h}10^{m}$ (im N–NE). **20** $18^{h}52^{m}$–$19^{h}5^{m}$ (im NW–NE). — **Säntis.** **11.** Vm. Nebelmeer (2000^{m}). **14.** Donner im ENE $14^{h}9^{m}$. **18.** Donner $11^{h}5^{m}$, fern im W und $13^{h}10^{m}$ im NW. — Morgenrot: **1.** **2.** **6.** **8.** **9.** **10.** **14.** **16.** **18** (schwach). **19–23.** **30.** — Abendrot: **1.** **5.** **8.** **12.** **15.** **16.** **17** (schwach). **19.** **20.** **22.** **30.** **31.** — Neuschnee: **4.** 7^{cm}; **28.** 12; **29.** 32. — Mittlere Höhe der Schneedecke: **3.** 155^{cm}; **5.** 145; **7.** 124; **9.** 85; **12.** 38; **14.** 25; **16.** 12; **29.** 44. — Mittlere Schneegrenze: **8.** 2000^{m}; **14.** 2200; **17.** 2400; **19.** 2500; **29.** 1800. — Cirri: **1** Ab. **5** Mitt. **8.** **9.** **11** bis Nm. **13** Ab. **14** id. **15** Mitt. **16** Ab. **17.** **18** $16^{1}/_{2}{}^{h}$. **20.** **21** bis Nm. **22.** **24** Nm. **31** id; je Vm.: **1.** **2.** **6** früh. **10** id. **12.** **14.** **16.** **18** $10^{1}/_{2}{}^{h}$. **19** id. **23.** **31** früh. — Alpen sichtbar: **1** Nm. **7** Mitt. **9** bis Nm. **15** (zeitw.). **22.** **31**; je Vm.: **6.** **10** früh. **12.** **19** früh. **23.** **29** früh; je Ab.: **5** $21^{1}/_{2}{}^{h}$. **8.** **14.** **16.** **18** $16^{1}/_{2}{}^{h}$. **20.** **26** $21^{1}/_{2}{}^{h}$. **29** id. — Alpen hell: **8** bis Nm. **16.** **17.** **20** bis Nm. **21** id.; je Vm.: **1** (klar). **2** früh. **8** id. (klar). **11.** **14.** **15** früh. **18.** **22** früh. **30** id. — Ebene sichtbar: **1** $21^{1}/_{2}{}^{h}$. **5** id. **6** Vm. **7** Mitt. **8** Ab. **9** Vm. **12** $10^{1}/_{2}{}^{h}$ (teilw.). **15** (zeitw.). **16** Ab. **22** id. **29** Vm. früh u. $21^{1}/_{2}{}^{h}$. **31.** — Ebene hell: **1** bis Nm. **8** id. **14** Vm. u. Ab. **16.** **17.** **18** Ab. **20.** **21** bis Nm. **22** Vm. **23** id; je Vm. früh: **2.** **11.** **15.** **19.** **30.** — Alpen und Ebene dunstig: **8** $16^{1}/_{2}{}^{h}$. **14** id. (Ebene). **17** Vm. früh u. Nm. **18** Vm. früh. **20** Nm. — Alpen Nebel: **1** Ab. **2** bis Nm. **5** Mitt. **11** id. **12** $10^{1}/_{2}{}^{h}$. **13** Ab. **14** Mitt. **15** $10^{1}/_{2}$ u. $16^{1}/_{2}{}^{h}$. **19.** **24** Nm. **29** Ab. **30** (Nm. vorbeiziehende). **31** Vm. früh. — Ebene Nebel: **1** Ab. **2** bis Nm. **5** Mitt. **9** id. **10** Vm. früh. **11** Mitt. **12** Vm. **13** Ab. **14** Mitt. **15** $10^{1}/_{2}$ u. $16^{1}/_{2}{}^{h}$. **18** $10^{1}/_{2}{}^{h}$. **19.** **21** Vm. früh. **22** Nm. **24** id. **26** $21^{1}/_{2}{}^{h}$. **29** Ab. **30** (Nm. vorbeiziehende). **31** Vm. früh. — **St. Gotthard.** **2.** Gotthardseen eisfrei; Lucendro- u. Sella-See noch gefroren. **21/22.** Nachts ferne Blitze im W. **26** Ab. id. im S.

August.

Bern. 3. Ab. Blitze im W u. NW. 11. Vm. früh Hochnebel. 19. Abendrot. 23. Ab. Blitze im S, SE u. E. 24. Ferner Donner $17^1/_2{}^h$. — Dunst Vm. früh: 1. 15. 16. 21. — Alpenglühen Ab.: 11. 16. 20. 30. — Alpen sichtbar: 12 Nm. 16. — Alpen hell: 1. 2 bis Nm. 3 Ab. 6. 11. 17 Nm. 19 id. 22 id. 27 Ab. 30 id. — Alpen klar: 1. 16. 19 je Ab. 20 Nm. 21. 28. 31. — **Neuchâtel.** 3. Ab. Blitze im W u. 23^h Gewitter im SW. 22. Vm. früh leichter SE auf dem See. 23. Ab. Blitze im SE. 24. Gewitter im NW $13^1/_2$–$14^1/_4{}^h$ u. mehrmals Donner $17^1/_4{}^h$. — Alpen sichtbar: 16. 20. 27 Nm. — Joran: 5 Ab. 12 id. 13 s. Ab. 28 Nm. 29 s. Ab. — **Altdorf.** 3. Vm. früh Nebel an den Bergen. 6. Gew. v. NW–SE 16–$17^1/_2{}^h$ u. von W nach S–E $19^3/_4{}^h$. 7. Schneegrenze: 1400^m. 10. Vm. früh Hochnebel (1000^m). 30. Schneegrenze: 1250^m. — Föhn: 19 16–$17^1/_4{}^h$. 22 selt Ab. 28 Ab. (leicht). — **Genf.** 24. Gewitter: 18^h (im W), $19^3/_4{}^h$ u. Nachts. — **Zürich.** 1. u. 2. je Vm. früh dunstig. 4. Nm. Gewitter aus SW. 9. Vm. Limmattal Dunst. 14. Vm. Hochnebel. 24. Donner im SW $9^h 50^m$ u. $15^h 41^m$ im SE. 30. Vorberge bis ca. 1200^m Neuschnee. 31. Vm. bis 9^h Tal u. See Nebel. — Blitze: 1 Ab. (im SE). 3/4 Mitternachts (im N). 15 Ab. (id.). 24 Nachts $1^1/_2{}^h$ (u. Do., fern im SW). — Alpen sichtbar Vm.: 2 früh. 17. 20 früh (Nm. teilw.). 24. 28 tags. — Alpen hell: 3 (Vm. teilw. klar). 21. 31. — Tal u. See Dunst Vm.: 12 (leicht). 15 (stark). 16 früh (leicht). 22 (stark). — Cirri: 1 Nm. 6. 12. 16–19. 22. 27 Ab. 28. 31 Nm.; je Vm.: 2. 8. 9. 13. 15. 20. 23. 24. — **Rigi-Kulm.** 11. u. 31. je Vm. früh teilw. Nebelmeer. 23. Ab. Gewitter im SW–E. — Teilw. Nebel im Tal Vm. früh. 12. 14. 21. 22. — **Bevers.** 3. Donner (Gew.) $11^h 25^m$, 35^m u. 13^h. 4. u. 5. je Vm. früh Nebel an den Bergen. 12. Vm. früh Hochnebel (1850^m). 31. Vm. früh st. Frost. — Schneegrenze: 4. 2800^m; 7. 2200; 30. 1900. — **Sitten.** 3. Gewitter v. W n. E 11–$11^1/_4{}^h$. 28. Ab. st. NW. — Schneegrenze: 4. 5. 7 (je 2000^m). 30 (1800^m). — Cirri: 1 Ab. 19 Nm. 22 Mitt. 25. 28 Mitt.; je Vm. früh: 10. 12. 13. 17. 20. 29. — Dunst: 2 Mitt. 15 Ab.; je Vm. früh: 8 (stark). 10. 12–17. 21. 22. — Hochnebel Vm. früh: 3 (600^m). 4 (650^m). 7 (1200^m). 30 (1000^m). — **Lugano.** N-Föhn: 7 seit $4^1/_2{}^h$. 9/10 Mitternachts. 10. 13 $19^1/_2$–$23^1/_2{}^h$. 27 $9^1/_2$–$18^1/_2{}^h$. 30. — **Basel.** 3. Blitze im W u. NW $21^3/_4$–$23^1/_2{}^h$ u. 24–$24^1/_2{}^h$ im NE; 23^h W_3 u. $23^1/_2{}^h$–24^h Donner im NW u. NE. 4. Ab. Gewitter v. W–E. 14. Purpurlicht im NW 20^h. 24. Donner (Gew.) im NW–NE $21^1/_2$–$22^1/_2{}^h$. — **Säntis.** 10. Intensiver Blitz u. Donner (Gew.) im SE 4^h. 12. Vm. früh Bodensee Nebelmeer. 13. Blitzschlag ins Bureau 16^h. 15. Vm. früh ziehende Nebel in Alpen u. Ebene. — Donner: 4 $14^h 10^m$ (im ENE). 6 $16^h 22^m$ (id.). 13 $13^h 35^m$–$14^h 10^m$ (fern, im NW). 24 $16^3/_4$–17^h (im ESE–W). — Morgenrot: 1. 2. 11. 12. 15. 16. 17. 20–24. 28. 31. — Abendrot: 1. 3. 8. 11. 12. 14. 20–25. 31. — Neuschnee: 4. 1^{cm}; 7. 13; 8. 2; 10. 6; 30. 12. — Mittlere Höhe der Schneedecke: 2. 25^{cm}; 4. 14; 7. 13; 9. 12. — Mittlere Schneegrenze: 8. 1900; 31. 1400^m. — Cirri: 1. 3 Nm. 6 Mitt. 12 Ab. 14 Nm. 15 Ab. 16. 20. 22. 23 Mitt. 24 bis Nm. 25 Ab. 28 bis Nm. 31; je Vm.: 2. 6 früh. 8. 9 früh. 11 id. 12. 14 früh. 15. 17 $10^1/_2{}^h$. 18 id. 21 früh. 23 id. 25. — Alpen sichtbar: 1 Nm. 2 bis Nm. 3 Nm. 5 Mitt. 6 Vm. früh. 8 id. u. Ab. 9 Vm. früh. 12. 14 Vm. früh. 15 Ab. 25 Vm. früh; je $21^1/_2{}^h$: 11. 14. 18. 23. 24. 25. 27. 31. — Alpen hell: 1 Vm. 2 Vm. früh. 15 Vm. 16. 17 Vm. 20. 21 Ab. 22. 23 bis Nm. 24 Vm. 28. — Alpen klar: 11 Vm. 12 Vm. früh. 21 bis Nm. 28 Vm. früh. 31. — Ebene sichtbar: 2 bis Nm. 5 Mitt. 6 Vm. früh. 8 id. u. Ab. 9 Vm. früh. 12. 14 Vm. früh. 15 Ab. 18 $10^1/_2{}^h$. 25 Vm. früh u. Ab.; je $21^1/_2{}^h$: 11. 14. 23. 24. 27. — Ebene hell: 1. 2 Vm. früh. 3 Nm. 11 Vm. 12 Vm. früh. 15 Vm. 16. 17 Vm. 20–23 Nm. 24 Vm. 28. 31 (früh klar). — Alpen u. Ebene dunstig: 15 $10^1/_2$ u. $16^1/_2{}^h$. 16. 17 $10^1/_2{}^h$. 20 Ab. (Ebene). 21 Mitt. (id.). 22 Vm. 24 $10^1/_2{}^h$. — Alpen n. Ebene Nebel: 3 Vm. früh (leicht). 11 Mitt. (Vm. früh Ebene teilw. u. tief). 12 Mitt. 14 Nm. 23 Ab. 25 $16^1/_2{}^h$ (Alpen). — **St. Gotthard.** 23. Ab. Gewitter im N vorbeiziehend. 24/25. Nachts ferne Blitze im NE. 30 Vm. früh Neuschnee: 5^{cm}.

September.

Bern. 5. Donner $20^3/_4{}^h$. 7. Ab. Blitze im NW. 10. Vereinzelter Donnerschlag (Gew.) $21^1/_4{}^h$. — Dunst Vm. früh: 5. 7. 10. 14. 17. 18. — Alpen sichtbar: 8 Mitt. 17. 19 Nm. 26 id. 29 Ab. — Alpen hell: 1 Nm. 7. 10 Vm. früh. 11 Nm. 13 Ab. 14. 17 Ab. 18. 22 bis Nm. 25 Ab. 30 Vm. früh. — Alpen klar: 4 Nm. 10. 15. 16. 21 Nm. 26 Ab. — **Neuchâtel.** 1. Vm. früh SW-Wind auf dem See. 7. Ab. Blitze im NW u. SW; $21^1/_2{}^h$ Gew. im NW. 8. Gew. im NW $11^1/_2$–$11^3/_4{}^h$. 10. Ab. Blitze im E. 19. Vm. früh Nebel auf dem See. 26. Bis 9^h id. u. am Chaumont. 22. Gew. im Tal der Broye $16^3/_4{}^h$. 27. Vm. früh Nebel auf dem andern Seeufer; Ab. Joran. — Alpen sichtbar: 4. 10. 14. 15. 16 je Nm. 17 10–11^h. 21. 25 Nm. 26 Ab. 29 id. — **Altdorf.** 5. Gewitter von N–W $21^3/_4{}^h$. 24. Schnee bis zu 1000^m. — Föhn: 5 Vm. früh (leicht). 7/8 Nachts. 10 $21^3/_4{}^h$. 17/18 Nachts. 22. — Hochnebel Vm. früh: 2 (700^m). 6 (800^m). 9 (900^m). 11 (450^m). 12 Vm. (700^m). 21 (800^m). 25. 27 Mitt. (800^m). 28 (700^m). — **Genf.** 11. Ab. Blitze im W. — Gewitter im W: 5 $15^1/_2{}^h$. 7 $20^1/_4{}^h$. 8 12^h. 22 17^h (im SW) u. $18^1/_4{}^h$ (im E). — **Zürich.** 8. Ferner Donner im W, später im S $13^h 50^m$–$14^h 32^m$; $14^h 5^m$ Gewitter nahe im SW, $14^h 18^m$ im S. 13. Ab. Purpurlicht. — Abendrot: 4. 6. 13 (schwach). — Alpen sichtbar: 6 Ab. 17 id. 18 Nm. 19 id. (schwach). 29; je Vm.: 4. 14. 16. 17. 22. — Alpen hell: 5 Vm. früh. 7 id. 10 Vm. 14 Nm. 15. 16 Vm. früh u. Nm. 18 Vm. 19 id. 21 Nm. 22 id. 25 Ab. — Alpen klar: 10 Nm. 11 id. (teil- und zeitweise). 15 Ab. 16 id. — Cirri: 4. 7 bis Nm. 9 Nm. 14. 15. 17. 18. 19 Nm. 21 Vm. 22 id. 25. 26. 27 je Nm. 28 Vm. früh. — Tal u. See dunstig Vm.: 5. 17. 18. — Tal u. See Nebel Vm.: 14 früh (leicht). 26. — Hochnebel Vm.: 21. 23 (leicht). 25 tags. 26. 27. — **Rigi-Kulm.** 12. Ab. W_5. — Nebelmeer: 21. 1400^m; 25 Mitt. 1500^m; 26 Vm. früh (teilw.). 27 id. 1400^m. — Nebel im Tal Vm. früh: 2 (leicht). 4 (teilw.). 7 (id.). 8 Mitt. (leicht). 16 (id.). 17 (id.). 22 (teilw.). 25 (leicht). — **Bevers.** 4. u. 5. je Vm. früh Nebel am Inn. 10. u. 21. je Vm. früh Hochnebel (1800^m). 23. Gewitter aus SW nach NE $10^h 5^m$–$13^h 20^m$ (häufige Entladungen in 2000–2500^m Entfernung), 15^h Donner; Schneegrenze: 2800^m. — **Sitten.** 3. Vm. früh Nebel im Talgrund. — Cirri: 3 Vm. früh. 10. 18 Mitt. — Schneegrenze: 9. 1900^m; 11. id.; 25. 2000^m. — Hochnebel: 2 Mitt. (800^m). 9 bis Nm. (8–900^m). 20 Mitt. (800^m). 24 id. (900^m); je Vm. früh: 6. 90 ; 8. 1600; 11. 2000; 20. 1800; 21. 700; 28. 2000^m. — Dunst Vm. früh: 1. 4. 26. 27 (stark). 29. 30. — **Lugano.** N-Föhn: 13. 20 $17^1/_2$–$19^1/_2{}^h$. — **Basel.** 8. W_3 18^h, Gewitter $18^h 8^m$ von W–E u. Donner $18^h 58^m$–$19^h 10^m$ im SE. 15 Purpurlicht im W $19^1/_4{}^h$. 22. Blitze im SW u. NW $21^h 20$–40^m u. Donner $23^h 20$–40^m im SW. — **Säntis.** 1. Vm. früh Ebene vorüberziehende Nebel. 5. Ab. Blitze im ENE. 6. Ferner Donner im ENE $15^h 20^m$. 19. Ab. kurzes Gewitter im SE. 21. Vm. früh Alpen Reif. 24. Schneegrenze: 2100^m. — Morgenrot: 1. 4. 5. 7. 15. 16. 17. 21. 22. 23 (schwach). 25 (id). 26. 27. 30. — Abendrot: 1. 4. 7. 14. 15. 19. 21. 22 (schwach). 26. 27. 29. — Mittlere Höhe der Schneedecke (Neuschnee); 9. 3^{cm}; 11. 2; 12. 1; 13. 10; 14. 1; 24. 5. — Cirri: 1. 4. 5 bis Nm. 7. 8 Mitt. 10. 11 Nm. 14. 15. 16 Vm. früh u. Nm. 17. 18 Vm. früh u. Ab. 21 bis Nm. 22. 23 Vm. 24 Vm. früh u. Nm. 25. 26. 27. 28 Vm. früh u. Ab. 29 Nm. 30 Vm. früh. — Alpen sichtbar: 24 Vm. früh u. Nm. 25 Nm. 27 id. 28 Vm. früh; je Ab.: 1. 2 $16^1/_2{}^h$. 7. 11. 22. 23. 26. 28. — Alpen hell: 4. 10. 14. 15 Ab. bis 19. 23. Vm. 24 Ab. 25 Vm. 27 id. 29 Vm. früh u. Nm. 30 Vm. früh; je bis Nm.: 1. 5. 7. 22. 26. — Alpen klar: 10 $10^1/_2{}^h$. 14 Vm. früh. 15 bis Nm. 21. 22 Vm. früh. — Ebene sichtbar: 2 $16^1/_2{}^h$. 11. 22. 26 je Ab.: 25 Nm. 27 id. — Ebene hell: 1. 4. 5 bis Nm. 7. 14. 15 Ab. bis 19. 23 Vm. 25 id. 26 bis Nm. 29 Vm. früh u. Nm. 30 Vm. früh. — Ebene klar: 7 $10^1/_2{}^h$. 15 bis Nm. 21. 22 bis Nm. — Alpen dunstig: 18 Mitt. 25 Nm. 26. — Ebene dunstig: 17. 18 bis Nm. 19 Vm. früh. 26 id. u. Ab. — Nebelmeer: 15. 16. 17 je Vm. früh (Bodensee). 21 Vm. (11–1300^m). 22 Vm. früh (Bodensee). 24 Ab. (1800^m). 25 (teilw., 13–1600^m). 26 Vm. (teilw., 1100^m). 27 id. (1300^m). — Ebene Nebel: 23 Ab. 24 Vm. früh u. Nm. 25 Vm. früh. 27 Nm. (teilw.). 28 Vm. früh u. Ab. — **St. Gotthard.** 23. Ab. heftiges Gewitter von SE–NW; sämtliche Telephonleitungen beschädigt. 24. Vm. Neuschnee: 3^{cm}.

Oktober.

Bern. 3. Nm. Alpen sichtbar. 6. Nm. u. 7. Alpen klar. — Alpen hell: 2 Ab. 21 Nm. 29 Ab. — **Neuchâtel.** 1. Seit Ab. Joran. 7. Vm. früh dichter Nebel am andern Seeufer; Ab. Alpen sichtbar (dunstig verschleiert). — Nebel auf dem See: 1 Vm. früh. 24. Mitt. 31. — Nebel am Chaumont: 18 bis Nm. 24 Mitt. 30 bis Nm. 31. — **Altdorf.** 21. Nm. u. 23. seit Vm. Föhn. — Schneegrenze: 1. 1200^m; 2. 900; 9. 1100; 10. 900; 16. 1200. - Nebel an den Bergen Vm.: 18 (leicht). 19 (id.). 25. — Hochnebel Vm. früh: 4 (900^m). 11 (600^m). 13 bis Nm. (700^m). 25 (500^m). 30. (900^m). — **Genf.** 8. u. 15. Neuschnee auf den umliegenden Bergen. 28. Vm. früh erste Eisbildung. — **Zürich.** 3. Vm. u. 22. Nm. Tal u. See dunstig. 24. Morgenrot $6^1/_2{}^h$. — Abendrot: 7 18^h. 11 id. 28 $17^1/_2{}^h$. — Alpen sichtbar: 6 Nm. 7 seit 9^h. 11 Ab. (schwach). 21 Nm. (teilw.). 23 id. 29 Ab. (teilw.). — Cirri: 1 Vm. 3 Ab. 7. 28 Ab.; je Nm.: 4. 6. 12. 21. 22. 23. — Tal u. See Nebel Vm.: 1. 7 früh (leicht). 21. 23 gegen Mitt. 25. 28. 29 (je leicht). — Hochnebel: 9 (schwach). 10. 11. 13 (intensiv). 14. 18. 19. 24 (stark). 30. 31; je Vm.: 3 (leicht). 4. 6. 17 (stark). 22. 29 (leicht). — **Rigi-Kulm.** Neuschnee: 9. 8^{cm}; 16. 8; 17. 3; 18. 10 (total). — Nebelmeer: 4 Vm. früh (800^m). 10 (14–1500^m). 11 bis Nm. (1300^m). 12 Vm. früh (1200^m). 18 id. (1350^m). 19 bis Nm. (12–1600^m). 28 Vm. (1300^m). 29 bis Nm. (teilw.). 30 id. (11–1200^m). 31 (früh 1200^m; tags teilw.). — Teilw. Nebel im Tal Vm. früh: 6. 21. 22. 23. 24 Mitt. — **Bevers.** Neuschnee: 1. 2^{cm}; 2. 24; 3. 4; 9. 7; 17. 4.5. — Schneegrenze: 1. Mitt. 1900^m; 7. 2300; 14. 2200; 15. Vm. früh 2000, Ab. 1800^m). — Talsohle schneefrei Nm.: 5. 10. 18. — Hochnebel Vm. früh: 10. 1900; 12. 1500; 25. 1750^m. — **Sitten.** Schneegrenze: 1. 2200^m; 2. 1400; 8. 1800; 9. 1000; 16. 1300. — Cirri: 7 Mitt. 8 Vm. früh. 21 Mitt. 23 bis Nm. 26 Mitt. — Dunst: 2–6. 8. 10. 11 (stark). 17. 21. 24. 30. 31 je Vm. früh; 1 Ab. 6 $21^1/_2{}^h$. 7 bis Nm. 11 id. 23. 26. 27. 28 je Ab. 29. — Hochnebel Vm. früh: 9. 1200^m; 12. 400; 17. 700, Mitt. 1400; 15. 850; 16. 750; 20. bis Nm. 7–900^m; 25. 400; 26. 1000. — **Lugano.** 2. u. 9. Schnee auf den Bergen. 20. Donner $15^1/_2{}^h$. — N-Föhn: 2. 8 s. Ab. 9. 26 27 Nachts. 27 Vm.

— **Säntis.** 4. Vorbeiziehende Nebel in den Alpen $10^1/_2{}^h$. 12. $8^1/_2{}^h$ u. 17. $11^h 40^m$ Nebelbild. 21. Alpen dunstig. — Ebene Reif Vm. früh: 6. 30. 31. — Morgenrot: 4. 6. 7. 8. 10. 11. 13. 14 (schwach). 18. 19. 21. 22. 23. 28. 30. 31. — Abendrot: 1. 3. 4 (schwach). 6. 7. 10. 11. 12. 14. 17. 18. 19. 21. 23 (schwach). 27–31. — Neuschnee: 1. 9^{cm}; 2. 3; 3. 2; 9. 21; 10. 1; 15. 1; 16. 3; 17. 5; 21. 1; 26. 1; 17. 2. — Mittlere Höhe der Schneedecke: 2. 12^{cm}; 4. 12; 7. 10; 9. 29; 11. 30; 14. 28; 16. 31; 18. 36; 20. 34; 23. 24; 25. 18; 27. 21; 30. 18. — Mittlere Schneegrenze: 1. 1600^m; 2. 1100; 10. 900; 18. 1600; 19. 1600; 23. 2000. — Alpen sichtbar: 3. 4 Ab. (teilw.). 12 Vm. früh u. Nm. 17 Ab. 19 id. 20 Vm. 21 Ab. 22 id. 23. 24. 29 Nm.; je $21^1/_2{}^h$: 5. 10. 20. 28. 30. 31. — Alpen hell: 4 Vm. 6. 7. 11. 13. 14. 17 Vm. 18. 19 bis Nm. 21 id. 22 id. 23 Vm. früh. 27 Ab. — Alpen klar: 6 Vm. früh. 10. 28. 29 $16^1/_2{}^h$. 30. 31. — Ebene sichtbar: 3. 11 Nm. 12 Vm. früh u. Nm. 17 $16^1/_2{}^h$ (teilw.). 24 bis Nm. 27 $16^1/_2{}^h$ (teilw.). 29 Nm.; je Ab.: 4. 5 $21^1/_2{}^h$. 20 id. (teilw.). 21. 22. 23. 28 $21^1/_2{}^h$. 31 id. (teilw.). — Ebene hell: 6. 7. 11 $10^1/_2{}^h$ (klar). 12 $21^1/_2{}^h$. 21 bis Nm. 22 id. 23 id. 28 Vm. — Ebene dunstig: 6 Ab. 7 id. 21 Vm. 22 Mitt. 23 Nm. 24 $10^1/_2{}^h$. 28 Vm. früh. 29 $16^1/_2{}^h$. — Alpen Nebel: 3 Ab. 4 id. (teilw.). 5 Mitt. 12 id. 27 bis Nm. — Ebene Nebel: 3 $10^1/_2{}^h$. 5 Mitt. 12 Nm. 20 Vm. 22 id. (teilw. u. tief). 27; je Ab.: 3. 4. 10 $21^1/_2{}^h$. 17. 20 $21^1/_2{}^h$. 30 id. 31 id. — Nebelmeer: 4 Vm. (11–1700^m). 6 Vm. (teilw., 6–700^m). 10 (11–1400^m). 11 (teilw., 1000–1100^m). 13 (13–1600^m). 14 (14–1700^m). 17 Vm. (2300^m). 18 (12–1600^m; teilw. bis Nm.). 19 16–1700^m; Vm. teilw.). 21 Vm. (Bodensee). 22 Vm. früh (700^m). 23 id. (Bodensee). 24 (Vm. früh 700, Ab. teilw., 1600^m). 28 Nm. (teilw., 1600^m). 29 Mitt. (id.). 30 (1000–1100^m). 31 (8–900^m). — Cirri: 3. 4 Vm. u. Ab. 5 Mitt. 6. 7. 10. 11. 12 Vm. früh u. Nm. 13. 14. 17 Vm. u. Ab. 18. 19. 20 $10^1/_2{}^h$. 21. 22 Vm. früh u. Nm. 23. 24 Vm. 27. 28 Ab. 29 Mitt. 30. 31 bis Nm. — **St. Gotthard.** 1. Ab. Gewitter im S. 18. Totale Schneehöhe: 64^{cm}. — Neuschnee: 2. 6^{cm}; 9. 9; 15. 6; 16. 30; 17. 31; 18. 6; 20. 2; 21. 3; 26. 2; 27. 8.

November.

Bern. Alpen sichtbar: 1. 5. 7 je Nm. 19 Ab. 24 id. — Alpen hell: 3 Ab. 8 Nm. 11 id. (klar). — **Neuchâtel.** Nebel auf dem See: 2 bis Nm. 18 bis $8^1/_2{}^h$; je Mitt.: 1. 8. 24. 25. — Nebel am Chaumont: 2 bis Nm. 9 id. 28 Vm. früh; je Mitt.: 1. 21. 22. 25. 28. — **Altdorf.** 13. Bis Nm. Nebel an den Bergen. 27. u. 28. Schnee bis zu 700^m herab. — Föhn: 3 Ab. 5 seit Ab. 6. 7 bis $15^1/_2{}^h$. — Hochnebel: 10 Vm. früh (800^m). 12 id. (700^m). 13 Ab. (900^m). 24 Mitt. (800^m). 30 id. (900^m). — **Genf.** 13. Neuschnee auf dem Salève. 27. Umliegende Berge angeschneit. — **Zürich.** 18. Vm. früh u. 19. Vm. Schneeanflug. — Abendrot: 1 $17^1/_4{}^h$. 14 17^h. 15 $17^1/_2{}^h$. — Alpen sichtbar: 2 Ab. 6 Vm. 12 Nm. (teilw.). 14 Vm. id. — Schneegrenze: 24. 1800^m; 26. 900^m; 28 id. — Cirri: 5 Ab. 6. 7 Vm. 14 id.; je Nm.: 1. 2. 8. 11. 14. 26. — Tal u. See dunstig Nm.: 1. 6 (tags). 7. 8. — Tal u. See Nebel: 2. 4. 5 je Nm. (leicht). 7 Vm. 12. 25 Nm. 26 Vm. (leicht). 27 Vm. — Hochnebel: 1 Vm. 2 Nm. (leicht). 4 id. 9 (leicht). 10. 11 Vm. 12. 17. 18. 21–24 Vm. 24 Nm. (leicht). — **Rigi-Kulm.** Neuschnee: 28. 17^{cm}; 29. 25 (total); 30. 4. — Nebelmeer: 2 Vm. früh (teilw.). 3 id. 6 (teilw.). 18 Ab. (1600^m). 11 Vm. (1350^m). 12 bis Nm. (12–1400^m). 13 Vm. früh (1600^m). 14 bis Nm. (teilw.). 15 Vm. früh (1200^m). 16 (12–1400^m). 17 Vm. früh (teilw.). 18 bis Nm. (teilw., 1200^m). 19 Vm. (1200^m). 20 (13–1700^m). 21 (11—1200^m). 22 (1000–1100^m). 23 (id.). 24 Vm. (1000^m). 25 Vm. früh (teilw.). — Teilw. Nebel im Tal: 3 Mitt. 4 bis Nm. 5 Vm. früh 6 Ab. 7 Vm. früh. 13 Ab. 24 Nm. 30 Vm. — **Bevers.** 14. Vm. früh Hochnebel. — Neuschnee: 17. 1.5^{cm}; 28. 3.5; 29. 7; 30. 8. — **Sitten.** Cirri: 1. 3 Mitt. 12 id. — Schneegrenze: 18. 1800; 26. 780^m. — Neuschnee: 27. 0.5; 29. 5^{cm}. — Dunst: 13. 16. 18. 19 je Mitt. 22 Ab. 23 (stark). 24. 25. 26 je bis Nm.; 1. 2. 3. 10. 12. 14. 15. 20. 21. 22 je Vm. früh. — Hochnebel: 13 Vm. früh 1300^m; 14. 1000–1400; 15 bis Nm. 1400; 19 Vm. früh 1200; 27 Mitt. 150. — **Lugano.** 16. Berge leicht schneebedeckt. — **Basel.** 17. Ab. Schneedecke: 0.5^{cm}. — **Säntis.** 2. u. 9. je Vm. früh Alpen Reif. — 29. Donner im SE $15^1/_2{}^h$. — Ebene Reif Vm. früh: 1. 2. 12–15. 19. 22–25. — Morgenrot: 1–7. 9. 11–17. 20–25. — Abendrot: 1. 2. 3. 5–8. 10. 11. 13–16. 20–26. — Neuschnee: 3. 2^{cm}; 13. 1; 18. 1; 20. 1; 26. 10; 27. 2; 28. 25; 29. 20; 30. 15. — Mittlere Schneedecke: 1. 13^{cm}; 3. 14; 5. 11; 8. 9; 11. 8; 13. 9; 15. 9; 17. 8; 20. 9; 22. 8; 24. 7; 26. 17; 29. 60. — Mittlere Schneegrenze: 6. 2100; 26. 800^m. — Cirri: 1. 2 bis Nm. 3 Mitt. 4–9 Nm. 10. 11. 12 Vm. früh. 13 bis Nm. 14. 15 Vm. früh. 16. 17 bis Nm. 18 Mitt. 19 id. 20 Nm. 21 Vm. u. Ab. 24 Vm. früh u. Mitt. 25 id. u. Ab. 26. — Alpen sichtbar: 9 bis Nm. 10 $21^1/_2{}^h$. 11 id. 17. 23 Ab. 26 Nm. — Alpen hell: 1 Nm. 2. 3 Ab. bis 9 Vm. früh. 14. 15 Nm. 16. 17 Vm. früh. 18 Mitt. 24. 25 Vm. früh u. Nm. — Alpen klar: 1 Vm. 2 $10^1/_2{}^h$. 3 bis Nm. 10 Nm. 11. 12 Vm. 13. 14 Vm. früh. 15 Vm. 16 Vm. früh. 20–23 Nm. — Ebene sichtbar: 14 $10^1/_2$ u. $21^1/_2{}^h$. 15 Nm. 17 id. 21 Ab. 24 $21^1/_2{}^h$. 26 Nm. — Ebene hell: 1 Nm. 3 Ab. 4. 5 Nm. bis 8. 11 Nm. 15 Vm. 23 Ab. (teilw.). — Ebene klar: 1 Vm. 2. 3 bis Nm. 4 Vm. früh. 5 Vm. 17 Vm. früh. 23 bis Nm. 24 Mitt. 25 Vm. früh u. Nm. — Ebene dunstig Ab.: 1. 7 Nm. 8. 11. 15. 21 $16^1/_2{}^h$. — Nebelmeer: 1 Vm. (800–1000^m). 2 bis Nm. (tief bis 700^m). 3 Vm. (700^m). 4 id. (7–800^m). 5 (6–700^m; Mitt. Bodensee). 6 Vm. (tief). 8 Vm. früh (600^m). 9 Vm. (15–1700^m). 10 Nm. (16–1700^m). 11 bis Nm. (14–1600^m). 12 Vm. (1000–1300^m). 13 (1100–2000^m). 14 (teilw., 1000–1600^m). 15 id., (800–1700^m). 16 (13–1500^m; Vm. teilw.). 17 Vm. (8–900^m). 18 Mitt. (2300^m). 20 (14–1700^m). 21 bis Nm. (1000–1100^m). 22 (800–1000^m). 23 bis Nm. (700^m). 24 (7–800^m). 25 Vm. früh u. Ab. (6–700^m). 26 Ab. (teilw., 1700^m). — Vorbeiziehende Nebel: 1 Nm. (in den Alpen). 8 $10^1/_2{}^h$ (Ebene). 25 Vm. früh (Alpen). — Alpen Nebel: 12 Nm. 18 $21^1/_2{}^h$. 26 gegen Mitt. 30 Mitt. — Ebene Nebel: 3 Mitt. (tief). 6 Ab. (id.). 8 Mitt. (teilw. u. tief). 9 Mitt. 12 Nm. 13 $21^1/_2{}^h$. 14 id. (teilw.). 18 $21^1/_2{}^h$. 21 Ab. 23 id. 26 bis Nm. 30 Mitt. — **St. Gotthard.** Gotthard-Strasse bis zum 28. für Räderfuhrwerke offen. — Neuschnee: 4. 6^{cm}; 5. 7; 7. 9; 16. 3; 17. 4; 18. 6; 28. 17; 29. 43 (total: 60^{cm}); 30. 16.

Dezember.

Bern. 26. Ab. Alpenglühen. — Alpen hell: 1 Mitt. (sichtbar). 3 Vm. früh. 8. 12 Vm. 16 Nm. 18 Vm. früh; je Ab.: 17. 25. 26. 30. — Alpen klar: 1. 4 Nm. 5 id. 8 Ab. 12 Mitt. 16 Ab. 27. — **Neuchâtel.** Alpen sichtbar: 1. 4 (zeitw.). 12 bis Nm. 18 id. — Nebel am Chaumont Mitt.: 15. 24. — **Altdorf.** 1. Vm. früh Hochnebel (900^m). 8. Vm. früh neblig an den Bergen. 15. St. Morgenrot; Vm. früh hochneblig bis 800^m. 21. Neuschnee: 4^{cm}. — Schneegrenze: 12. 900^m; 14. 1150; 18. 700; 20. 650. — **Genf.** 22. Neuschnee: 1^{cm}. — **Zürich.** 4. Nm. Tal u. See Dunst; $16^h 50^m$–17^h Abendrot. 5. Vm. sehr dichter Nebel bis 550^m. 19. Gewitter aus W $2^h 12$–21^m. 24. Sihl Hochwasser. 30. Abendrot 17^h. — Alpen sichtbar: 11 $14^3/_4{}^h$. 12 seit 10^h. 14 Nm. (teilw.). 16 Nm. 30 10–11^h. — Alpen hell: 18. 27 Vm. u. Ab. — Alpen klar: 12 Nm. 26 id. 28 Vm. 30 Nm. — Neuschnee: 20. Mitt. 0.5^{cm}; 21. 1; 22. 1. — Schneegrenze: 11. 1100^m; 16. 1500^m; 18. 600; 23. 600; 28. 550; 31. 600. — Cirri: 5; je Vm.: 11. 12. 16; je Nm.: 2. 4. 7. 10. 27. — Tal n. See Nebel Nm.: 3. 5. 7. 9 (leicht). 10. 14 tags (leicht). — Hochnebel: 1 Vm. früh. 2. 3 Nm. (leicht). 8. 9 (Nm. leicht). 15 (leicht). 16 Vm. 26 id. (leicht). 27 id. — **Rigi-Kulm.** Schneehöhe: 6. 10^{cm}; 13. 25; 20. 50; 26. 120. — Neuschnee: 12. 20^{cm}; 17. 20; 18. 10; 21. 20; 22. 10; 24. 20; 25. 20; 31. 5. — Nebelmeer: 2 bis Nm. (teilw.). 3 Vm. früh (id.). 5 Nm. (500^m). 6 bis Nm. (id.). 7 (5–700^m). 15 (900–1000^m). 27 Vm. (teilw.). — Teilw. Nebel im Tal: 1 Mitt. 2 Ab. 3 Mitt. 4 id. 5 Vm. früh. 8 id. 14 Ab. 27 Mitt. — **Bevers.** 11. Abhang der Cresta Mora bis zur oberen Waldgrenze schneefrei, dagegen Talsohle u. Schattenseiten der Berge noch bedeckt. 31. Totale Schneehöhe: 66^{cm}. — Neuschnee: 12. 14^{cm}; 13. 3; 18. 2; 19. 4; 20. 6; 21. 10; 22. 9; 23. 30; 25. 10; 31. 6. — **Sitten.** Neuschnee: 19. 47.5^{cm}; 20. 0.5; 21. 3.5; 22. Vm. früh 2 u. Mitt. 10. — Schneegrenze: 12. 1600; 13. 1000–2000; 18. 600^m. — Cirri: 2 Mitt. 6 id. 7 Vm. früh. 15 Mitt. 16 bis Nm. — Dunst: 2 Vm. früh u. Ab. 3 (Ab. intensiv). 4 (id.). 5 bis Nm. (Mitt. stark). 6–11 Nm. 12 Mitt. 14 id. 15 bis Nm. 15 bis Nm. 26 Vm. früh. 27 Nm. 28 bis Nm. 30 Mitt. — Hochnebel: 17 Nm. (800^m). 20 Vm. früh (700^m). 29 Mitt. (200^m). 30 Vm. früh (150^m). 31 bis Nm. (7–800^m). — **Lugano.** 20. Berge angeschneit. — N-Föhn: 1 Vm. früh. 21. 25 $9^1/_2$–$16^1/_2{}^h$. — **Basel.** 14. Starkes Abendrot $16^3/_4$–17^h. 19. $15^h 49^m$ Donner. 20. $9^3/_4$–10^h W_4. 29. $11^1/_4{}^h$ intensiver Doppelregenbogen. — **Säntis.** 5. Ab. Ebene dunstig. — Morgenrot: 2. 3. 5–8. 15. 16. 26. 27. — Abendrot: 1–6. 8. 12. 15. 26. 27. 30. — Cirri: 1. 2. 3 bis Nm. 4 Nm. bis 8. 12 Nm. 14 id. 15. 16 Vm. 18 Mitt. 26 Vm. früh u. Nm. 27. 30 Mitt. — Neuschnee: 4. 3^{cm}; 10. 1; 11. 9; 12. 19; 13. 19; 14. 15; 17. 10; 18. 16; 19. 13; 20. 9; 21. 18; 22. 15; 23. 18; 24. 18; 25. 12; 26. 2; 29. 35; 30. 23; 31. 1. — Mittlere Höhe der Schneedecke: 4. 74^{cm}; 6. 69; 8. 66; 11. 76; 13. 112; 16. 110; 18. 120; 20. 141; 23. 192; 25. 218; 27. 220; 29. 250; 31. 269. — Mittlere Schneegrenze: 5. 1000^m; 18. 700; 25. 600; 30. 1100. — Alpen sichtbar je $21^1/_2{}^h$: 2. 5. 6. 7. 10 Vm. früh. 27. — Alpen hell: 1. 8. 25 Ab. 26 Vm. früh; je Nm.: 3. 4. 12. 14. 18. 26. — Alpen klar: 2. 3 Vm. 4 Mitt. 5. 6. 7. 8 Vm. früh. 15. 16 Vm. 27. 30 Ab. — Ebene sichtbar: 1. 4–7 je $21^1/_2{}^h$. — Ebene hell: 8 $10^1/_2{}^h$. 16 Vm. 26 Vm. früh. 27; je Nm.: 2. 12. 14. 18. 25. 26. — Ebene klar: 2 Vm. 3. 5. 6. 7. 15. 27 Vm. früh u. Mitt. 30. Ab. — Nebelmeer: 1 Nm. (teilw., 17–1800^m). 2 Vm. u. Ab. (700^m). 3 (6–700^m). 4 Nm. (17–1800^m). 5 Vm. (früh 600^m, später über dem Bodensee). 6 (600^m). 7 (id.). 8 (teilw., 1000–1800^m). 15 (700–1000^m). 16 Vm. früh (Bodensee). — Alpen Nebel: 14 Mitt. 25 $21^1/_2{}^h$. 26 Mitt. — Ebene Nebel: 1 $10^1/_2{}^h$. 10 Vm. früh. 14 Nm. 16 $10^1/_2{}^h$. 26 Vm. früh (teilw.). 27 Vm. (teilw. u. tief). — **St. Gotthard.** Neuschnee: 18. 1^{cm}; 19. 42; 20. 36; 21. 15; 22. 16; 23. 28; 24. 20; 25. 9; 29. 21; 30. 6.

Monats- und Jahresübersichten

sämtlicher schweiz. meteorologischen Stationen.

In die hier folgenden Uebersichten werden die Beobachtungsresultate aller schweizerischen Stationen, soweit es die Zuverlässigkeit und Vollständigkeit derselben gestattet, aufgenommen.

Das Schema ist dem vom ersten internationalen Meteorologenkongress aufgestellten möglichst angepasst.

Zu beachten ist:

1. Die Minima und Maxima bei Luftdruck, Temperatur und die Minima bei der relativen Feuchtigkeit sind stets den üblichen Terminbeobachtungen entnommen (7^{30} 13^{30} 21^{30}, resp. 7^{30} 13^{30} 20^{30}; bei Genf 7^{35} 13^{35} 21^{35}).
2. Die Monatsmittel der Temperatur werden aus den 3 Terminbeobachtungen in der Weise abgeleitet, dass der Abendbeobachtung (9^{30}) das doppelte Gewicht beigelegt ist [$m = \frac{1}{4}(7^{30} + 13^{30} + 2 \cdot 21^{30})$]. Bei den wenigen Stationen, die eine andere Kombination der Beobachtungsstunden haben, wird die entsprechende Reduktion nach den stündlichen Werten von Bern und Säntis angebracht.
3. Zu den Tagen mit Niederschlag werden alle gezählt, an denen derselbe den Betrag von wenigstens 0.3^{mm} erreicht, sei dies nun Regen oder Schnee, oder beides zugleich.
   Eine zweite Rubrik enthält die Zahl der Tage mit Niederschlagsmengen von mindestens 1.0^{mm}.
4. Tage mit mehreren Gewittern werden nur einfach gezählt.
5. Als heitere Tage werden solche bezeichnet, deren mittlere Bewölkung < 2.
   » trübe » » » » » » » > 8.
6. Bei der Uebersicht der Windverteilung wird nur die Häufigkeit der verschiedenen Windrichtungen mit Intensität > 0 berücksichtigt.
7. λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^{m} bezogen.

Zürich.

$\lambda = 8° 33'$, $\beta = 47° 23'$, $H_b = 493.2^m$, $G = 0.08$ m/m, $h_r = 1.4^m$

1918	Luftdruck Mittel	Luftdruck Minimum	Tag	Luftdruck Maximum	Tag	Luft-Temperatur 7^{30}	13^{30}	21^{30}	Mittel*	Minimum	Tag	Maximum	Tag	Relative Feuchtigkeit 7^{30}	13^{30}	23^{30}	Mittel	Minimum	Tag
Januar	721.9	699.8	8	733.6	25	-2.1	2.8	-0.3	0.0	-15.3	5	12.7	24	88	72	81	80	43	11.12
Februar	726.1	707.4	28	733.8	23	-1.5	4.0	0.7	1.0	-9.0	17	12.3	12	86	65	82	78	41	8
März	718.7	706.1	2	729.4	21	0.9	9.7	4.1	4.7	-5.6	16	17.9	25	90	54	74	73	32	19.27 28
April	714.0	704.6	14	721.2	26	6.0	12.3	7.8	8.5	0.4	19	20.2	13	89	59	80	76	27	4
Mai	719.2	707.2	7	725.3	31	11.6	19.6	13.2	14.4	7.4	3	26.6	20	81	50	72	68	28	31
Juni	720.1	709.8	17	726.6	8	11.5	17.4	12.6	13.5	7.6	18.19	25.7	14	80	56	74	70	23	7
Juli	720.2	715.7	23	725.2	19	15.1	21.8	16.4	17.4	10.8	30	33.3	17	82	57	77	72	32	1
August	721.2	715.0	2	726.6	21	14.2	22.5	15.5	17.0	6.1	31	31.9	22	84	53	79	72	31	28
September	718.8	708.7	23	726.0	20	11.5	18.3	13.0	14.0	5.4	22	25.6	5	91	62	87	80	39	14
Oktober	719.7	711.1	15	727.7	29	5.6	10.6	6.4	7.3	0.0	28	18.8	7	96	68	92	85	35	2
November	720.8	711.5	3	730.7	10	2.1	5.7	3.2	3.5	-4.4	17	13.0	7	91	76	89	85	50	15
Dezember	719.5	706.2	19	730.5	14	3.0	5.4	3.3	3.8	-3.6	3	13.4	14	89	79	90	86	53	18
Jahr	720.0	699.8	I	733.8	II	6.5	12.5	7.9	8.8	-15.3	I	33.3	VII	87	63	81	77	23	VI

Rigi-Kulm.

$\lambda = 8° 30'$, $\beta = 47° 3'$, $H_b = 1787.3^m$, $G = -0.11$ m/m, $h_r = 1.8^m$

Januar	614.5	595.6	8	625.8	25	-2.4	-1.3	-2.5	-2.2	-18.6	9	5.0	18	61	59	59	60	12	6
Februar	617.7	602.6	28	625.9	23	-3.6	-1.6	-3.1	-2.9	-17.2	16	2.8	11	57	62	68	62	20	2.3 27
März	611.9	598.3	2	621.5	21	-3.3	-0.6	-2.5	-2.2	-12.6	27	6.6	24	73	69	74	72	29	6
April	608.9	601.2	9	615.4	26	0.0	3.0	-0.1	0.7	-6.4	21	8.4	13	82	69	81	77	35	3
Mai	615.5	605.9	7	621.3	20	4.9	7.6	5.4	5.8	-0.8	1	14.4	21	77	74	77	76	42	4
Juni	616.1	606.3	17	623.4	8	4.5	6.4	4.6	5.0	-0.8	18.24	13.2	14	80	79	83	81	46	7.8
Juli	617.7	613.0	27	622.1	19	8.6	11.1	9.2	9.5	2.2	28	23.8	17	74	77	82	78	28	17
August	618.6	612.8	6	625.4	21	8.0	10.7	8.9	9.1	-2.0	30	19.8	23	77	74	80	77	38	17
September	615.9	604.4	23	621.1	18	7.7	8.9	7.8	8.0	-0.8	30	17.4	17	70	68	74	71	22	17
Oktober	614.1	606.8	16	620.5	7	1.2	2.9	1.3	1.7	-4.8	2	10.3	11	75	73	78	76	10	6
November	613.9	607.3	27	623.4	10	-0.7	0.6	-1.1	-0.6	-8.6	18	10.4	6	64	61	70	65	19	22
Dezember	612.9	601.0	20	623.6	14	-2.0	-1.2	-1.6	-1.6	-11.0	26	8.4	6	88	85	85	86	12	5
Jahr	614.8	595.6	I	625.9	II	1.9	3.9	2.2	2.5	-18.6	I	23.8	VII	73	71	76	73	10	X

Pilatus-Kulm.

Abendbeobachtung: 20^{30}

$\lambda = 8° 16'$, $\beta = 46° 59'$, $H_b = 2068^m$, $G = -0.14$ m/m, $h_r = 0.9^m$

Januar	593.5	575.4	8	605.2	25	-4.1	-2.8	-3.8	-3.7	-20.2	9	4.2	20 25.26	61	57	55	58	10	6.24
Februar	596.5	582.0	28	605.7	23	-5.3	-2.8	-4.9	-4.5	-16.8	16	4.8	24	54	58	64	59	18	3
März	590.9	578.9	2	600.2	19.21	-5.4	-3.0	-4.6	-4.5	-14.2	27	4.8	24	74	72	82	76	18	22
April	589.3	581.4	10	595.6	26	-1.7	1.0	-1.3	-1.0	-9.0	21	5.8	13	80*	70*	85*	78*	—	—
Mai	595.1	586.5	7	601.6	23	2.0	5.2	3.2	3.1	-2.4	1	13.4	20.22	82	77	80	80	40	22
Juni	595.4	587.7	17	602.0	9	2.6	5.1	3.5	3.2	-2.4	5.6	12.8	9	82	85	87	85	35	9
Juli	597.0	591.8	27	600.1	16	6.5	9.1	8.1	7.4	0.0	28	20.2	17	75	85	84	81	25	17
August	597.6	591.8	6	604.3	22	6.4	8.7	8.0	7.3	-2.6	30	17.6	22	78	75	80	78	20	31
September	594.9	585.8	23	599.6	15	5.9	7.5	6.5	6.3	-1.4	30	14.4	16	68	68	69	68	16	22
Oktober	593.1	586.3	13	600.1	6	0.1	1.8	0.4	0.6	-5.2	2	9.2	23	68	70	69	69	5	28.31
November	592.8	587.0	27	602.0	10	-1.6	0.1	-1.7	-1.3	-8.5*	18.19	8.8	5	56	52	60	56	7	21
Dezember	592.0	579.5	20	602.5	14	-3.9	-2.9	-3.5	-3.5	-12.2	22.27	7.0	15	87	86	84	86	11	15
Jahr	594.0	575.4	I	605.2	I	0.1	2.3	0.8	0.8	-20.2	I	20.2	VII	72	71	75	73	5	X

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$, $H_b = 456.3^m$, $G = 0.05$ m/m, $h_r = 1.5^m$

Januar	725.2	701.0	8	736.9	25	0.0	3.5	0.3	1.1	-11.9	4	14.2	20.22	78	67	79	75	27	21
Februar	729.3	710.0	28	737.3	23	-1.3	3.9	0.4	0.8	-6.3	17	9.3	8	85	66	83	78	30	7
März	721.6	708.7	2	732.6	21	2.3	8.7	4.9	5.2	-1.0	9	15.0	21	83	52	70	68	28	15
April	716.9	707.4	14	724.1	25	8.2	12.9	9.4	10.0	2.4	20	21.4	14	77	51	71	66	27	11.26
Mai	722.1	711.2	7	728.8	1	11.9	17.5	13.7	14.2	7.0	2	23.4	23	78	54	75	69	32	7
Juni	723.0	712.3	17	729.9	8	11.9	16.6	13.3	13.8	6.2	18	23.3	9	81	59	77	72	29	9
Juli	723.2	718.9	27	728.4	19	15.7	20.8	17.1	17.7	10.8	28	28.7	16	83	54	81	73	38	17
August	724.3	717.2	2	729.6	21	14.1	20.6	15.8	16.6	6.8	31	26.4	23	90	53	85	76	35	8
September	721.9	711.1	23	730.1	20	12.0	17.2	13.0	13.8	7.1	22.24	22.9	5	93	63	91	82	44	7.16
Oktober	722.6	714.2	15	730.7	29	6.6	10.8	7.1	7.9	1.0	28	21.2	3	94	64	93	84	25	21
November	723.7	713.9	3	733.6	10	3.9	6.8	4.9	5.1	-3.6	24	20.2	6	85	71	80	79	25	6
Dezember	722.8	709.5	19	733.8	14	1.8	4.7	2.7	3.0	-4.5	27	9.8	13	88	80	86	85	30	4
Jahr	723.1	701.0	I	737.3	II	7.3	12.0	8.6	9.1	-11.9	I	28.7	VII	85	61	81	76	25	X.XI

*) Bezüglich der Mittelbildung vide vorausgehende Pagina.

Beobachter: **Meteorol. Zentralanstalt.**

Zürich.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.2	6.0	6.5	6.9	62	18	8	10	9	5	—	—	8	2	15	0	4	3	2	2	23	5	1	53	Januar
6.7	7.0	5.0	6.2	33	15	28	7	6	2	—	—	9	3	10	1	8	7	1	0	4	10	0	53	Februar
5.2	4.3	4.5	4.7	49	14	30	9	7	4	—	—	4	8	6	1	15	0	3	0	8	12	7	47	März
7.6	7.5	6.3	7.1	63	20	15	13	10	5	—	—	0	2	17	4	9	1	1	0	6	6	17	46	April
5.2	5.2	4.5	5.0	42	13	11	8	6	—	—	1	0	7	6	2	23	5	0	1	3	3	14	42	Mai
5.6	6.3	5.8	5.9	170	31	17	15	14	—	—	4	1	7	11	4	16	7	3	3	13	8	9	27	Juni
4.6	4.6	5.3	4.8	78	23	3	11	9	—	—	3	0	8	8	1	12	2	1	1	10	8	17	41	Juli
4.6	4.6	4.5	4.6	80	21	2	13	9	—	—	1	2	9	5	0	8	1	4	2	12	5	16	45	August
6.5	6.4	5.8	6.2	176	45	10	19	17	—	—	1	3	4	13	3	7	2	3	3	18	11	12	31	September
8.0	6.8	6.4	7.1	49	22	15	10	6	—	—	—	6	2	15	6	16	1	0	3	2	8	5	52	Oktober
8.2	7.4	6.9	7.5	29	12	27	9	6	—	—	—	8	2	15	7	20	3	3	4	6	6	3	38	November
9.2	7.4	7.7	8.1	180	36	22	19	16	4	—	1	8	0	20	0	3	1	1	2	30	11	4	41	Dezember
6.6	6.1	5.8	6.2	1011	45	IX	143	115	20	—	11	49	54	141	29	141	33	22	21	135	93	105	516	Jahr

Beobachter: Familie **Schreiber.**

Rigi-Kulm.

4.5	4.7	4.2	4.5	110	40	8	12	10	11	—	—	4	13	10	0	3	3	2	12	5	34	3	31	Januar
4.2	4.0	3.8	4.0	80	22	13	7	6	7	—	—	5	11	6	0	2	3	2	2	1	37	3	34	Februar
4.8	5.2	4.6	4.9	58	17	1	11	9	11	—	—	5	10	9	0	4	8	3	12	12	17	1	36	März
7.7	8.0	6.9	7.5	162	67	15	14	12	14	—	2	9	1	17	0	0	2	5	18	3	15	0	47	April
5.1	6.2	5.4	5.6	74	17	14	11	10	4	—	3	8	7	11	0	18	3	2	12	4	13	3	38	Mai
5.8	6.2	6.6	6.2	294	68	21	16	16	3	1	1	11	6	13	0	15	2	3	0	1	17	1	51	Juni
4.5	5.0	5.2	4.9	160	32	10	12	11	—	—	—	5	9	7	0	1	0	2	2	0	19	3	66	Juli
4.4	4.3	5.0	4.6	204	42	29	13	13	3	—	3	8	9	6	0	2	0	1	4	12	23	6	45	August
5.0	5.4	4.7	5.0	228	48	10	15	14	4	—	1	7	9	7	0	1	0	2	4	8	38	3	34	September
5.2	4.8	5.2	5.1	111	28	15	11	11	7	—	—	10	9	8	0	1	6	3	16	1	13	3	50	Oktober
5.1	5.8	4.6	5.2	92	34	28	8	7	6	—	—	6	6	10	0	0	15	5	15	3	18	0	34	November
7.1	7.5	6.7	7.1	344	50	22	18	17	14	—	1	9	5	18	0	0	3	0	0	0	57	6	27	Dezember
5.3	5.6	5.2	5.4	1917 *)	68	VI	148	136	84	1	11	87	95	122	0	47	45	30	97	50	301	32	493	Jahr

Beobachter: **A. Frunz.** Frl. **M. Schnyder.**

Pilatus-Kulm.

3.6	3.8	3.8	3.7	107	27	8	10	10	9	—	—	1	17	9	0	6	0	0	0	58	0	0	29	Januar
3.0	3.2	2.9	3.0	73	17	25	7	7	7	—	—	5	16	5	3	13	0	0	0	43	0	0	25	Februar
3.1	4.6	4.4	4.0	83	18	2	12	11	12	—	—	3	13	6	0	17	0	0	0	38	0	0	38	März
6.9	7.4	7.5	7.3	89	18	15	12	12	12	—	—	14	1	16	1	7	0	0	0	37	0	2	43	April
4.0	6.0	4.8	4.9	67	17	26	8	8	3	—	—	10	9	9	0	10	0	0	0	25	0	0	58	Mai
5.9	8.5	7.6	7.3	169	28	17	18	18	6	—	—	13	3	15	2	25	0	0	1	44	1	0	17	Juni
4.7	8.4	6.1	6.4	88	18	9	10	10	2	—	—	23	3	12	5	7	1	0	4	51	0	2	23	Juli
5.2	6.1	5.0	5.4	145	41	2	11	11	1	—	2	12	9	9	4	4	0	0	13	49	0	0	23	August
5.7	6.5	5.4	5.9	152	30	10	15	15	4	—	1	8	6	11	1	1	0	0	23	52	1	0	12	September
6.6	5.7	5.0	5.8	90	24	8	11	9	11	—	—	10	6	13	5	4	3	0	4	20	1	1	55	Oktober
4.6	4.2	4.3	4.4	46	14	27	8	6	5	—	—	8	12	8	3	1	6	0	0	30	0	0	36*	November
6.1	6.3	5.8	6.1	153	25	13	17	15	15	—	—	11	7	13	0	0	2	0	6	48	4	0	33	Dezember
5.0	5.9	5.2	5.4	1262	41	VIII	139	132	87	—	3	118	102	126	24	95	12	0	51	495	7	5	392	Jahr

*) Im November fehlen 14 Beobachtungen.

Beobachter: Frl. **H. Nager.**

Altdorf.

7.5	5.7	5.7	6.3	64	17	8	9	8	4	—	—	8	3	11	4	2	1	7	9	3	0	0	67	Januar
7.1	5.8	5.1	6.0	35	14	22	7	5	1	—	—	6	5	12	5	1	0	0	1	0	0	1	76	Februar
5.5	4.9	4.0	4.8	83	42	2	9	8	4	—	—	0	9	10	4	0	2	6	0	0	1	9	71	März
7.3	7.0	6.3	6.9	64	16	15	12	11	1	—	1	2	3	12	6	0	2	11	9	1	0	5	56	April
4.8	5.8	5.5	5.4	55	16	14	13	8	—	—	2	0	4	8	12	1	3	5	1	0	0	9	62	Mai
5.9	7.0	7.7	6.9	217	67	17	20	17	—	1	—	1	2	12	14	1	1	0	1	0	0	8	65	Juni
4.8	5.3	7.1	5.7	57	15	28	13	11	—	—	1	0	7	11	7	1	2	2	0	0	1	15	65	Juli
5.1	5.4	4.9	5.1	146	34	29	16	15	—	—	1	0	9	9	4	1	0	2	0	0	2	9	75	August
6.3	6.1	4.8	5.7	147	48	23	15	15	—	—	2	1	4	8	3	2	1	3	2	0	0	5	74	September
8.0	5.7	6.2	6.6	45	13	15	11	7	—	—	—	0	3	12	4	2	1	4	0	0	0	2	80	Oktober
8.7	6.9	5.8	7.1	50	17	29	5	5	1	—	—	2	0	13	4	1	2	6	1	0	1	5	70	November
7.9	7.7	7.1	7.6	280	53	22	15	15	3	—	—	4	1	14	1	1	1	1	1	0	0	4	84	Dezember
6.6	6.1	5.9	6.2	1243	67	VI	145	125	14	1	7	24	50	132	68	13	16	47	25	4	5	72	845	Jahr

*) **Rigi-Kulm.** Von diesem Jahre an werden die Messungen des geschützten Regenmessers (Niphertrichter) publiziert, der seit Oktober 1908 neben dem gewöhnlichen Modell beobachtet wird.

Altstätten.

$\lambda = 9^\circ 33'$, $\beta = 47^\circ 23'$, $H_b = 449.3^m$, $G = 0.08$ m/m, $h_r = 1.5^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	725.5	701.9	8	737.2	25	-1.6	2.6	-0.6	0.0	-16.6	4	16.0	22	82	70	79	77	28	20
Februar	729.7	710.8	28	737.6	23	-2.5	3.8	-0.3	0.2	-8.9	20	11.4	8	88	62	85	78	34	11
März	722.2	709.9	2	733.5	21	1.7	9.8	4.6	5.2	-4.9	27	16.8	24	87	49	69	68	23	5
April	717.4	707.7	14	725.0	26	7.2	13.5	8.2	9.3	2.3	21	21.5	14	80	51	73	68	30	4. 9. 12
Mai	722.6	710.1	7	729.2	31	12.4	19.2	13.4	14.6	8.4	1	25.6	23	73	45	64	61	28	31
Juni	723.7	712.6	17	731.0	2	12.0	16.6	12.5	13.4	6.4	5	23.3	14	76	57	72	68	30	6. 7. 8
Juli	723.6	718.8	23	729.0	19	15.8	20.9	16.1	17.2	8.7	28	30.6	17	76	54	74	68	34	1
August	724.6	718.3	2	730.6	21	14.4	20.4	15.0	16.2	6.2	30	27.6	23	82	55	80	72	38	24
September	722.2	711.5	23	729.6	20	12.0	17.7	12.5	13.7	6.4	20	23.6	18	87	60	84	77	43	1
Oktober	723.2	714.2	15	731.6	29	5.8	10.8	6.8	7.6	-1.2	30	18.6	23	94	67	88	83	43	3
November	724.5	714.7	3	734.7	10	0.9	6.0	2.3	2.9	-8.0	25	20.0	17	93	70	88	84	33	7
Dezember	723.0	709.6	19	734.3	14	1.8	5.2	2.5	3.0	-6.6	27	13.0	13	90	74	89	84	41	18
Jahr	723.5	701.9	I	737.6	II	6.7	12.2	7.8	8.6	-16.6	I	30.6	VII	84	59	79	74	23	III

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$, $H_b = 2500.1^m$, $G = -0.16$ m/m, $h_r = 0.7^m$

Januar	561.6	543.9	8	574.0	25	-7.0	-6.0	-6.9	-6.7	-24.4	9	2.2	25	75	72	73	73	35	31
Februar	564.4	549.9	28	572.2	23	-7.9	-6.4	-7.4	-7.3	-21.9	15	-1.4	8	57	60	63	60	20	10
März	559.4	548.3	1	568.5	21	-7.6	-6.0	-7.3	-7.1	-16.8	27	0.4	24	83	85	85	84	29	19
April	557.3	550.9	19	563.8	26	-3.5	-1.4	-4.0	-3.2	-10.4	21	3.1	13	88	86	90	88	68	25
Mai	564.0	556.0	7	570.4	22	0.9	2.6	0.4	1.1	-5.5	28	10.3	22	87	88	90	88	69	17
Juni	564.1	557.0	17	571.4	8	0.0	1.3	-0.4	0.1	-6.7	5	8.1	14	92	92	93	92	55	2
Juli	566.5	560.8	28	571.2	19	4.4	6.7	4.1	4.8	-2.0	28	17.4	17	88	87	89	88	40	1
August	567.2	561.1	7	575.2	21	3.5	5.7	3.7	4.2	-5.2	30	16.3	23	89	90	91	90	57	31
September	564.7	555.5	23	569.7	17	3.2	5.1	3.2	3.7	-6.1	30	13.0	18	85	84	88	86	49	22
Oktober	562.1	554.3	16	569.3	6	-2.7	-1.0	-2.6	-2.2	-8.5	2	4.6	22. 23	82	85	80	83	24	28
November	561.6	554.1	27	571.2	10	-4.9	-3.3	-5.4	-4.8	-13.7	30	6.3	6	73	72	77	74	20	22
Dezember	560.0	547.1	20	571.1	14	-6.1	-5.7	-5.8	-5.8	-15.4	26	1.9	5. 6	90	89	89	89	18	2
Jahr	562.7	543.9	I	575.2	VIII	-2.3	-0.7	-2.4	-1.9	-24.4	I	17.4	VII	82	83	84	83	18	XII

Basel.

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$, $H_b = 277.2^m$, $G = 0.13$ m/m, $h_r = 1.5^m$

Januar	740.8	719.9	8	752.5	25	-1.0	3.5	1.0	1.1	-14.2	4	13.8	16	88	74	82	81	51	20
Februar	745.2	724.5	28	753.4	23	-0.3	5.6	2.3	2.5	-7.0	17	12.2	8	86	66	82	78	40	16
März	737.6	725.2	2	748.9	21	2.0	9.2	5.2	5.4	-3.8	27	16.8	25	86	55	78	73	30	26. 28
April	732.7	721.4	20	739.8	26	6.7	11.9	8.8	9.1	0.4	19	17.8	4. 26	88	64	83	78	34	3
Mai	737.7	725.2	7	744.6	31	12.4	19.2	15.2	15.5	7.2	3	25.6	23	83	54	74	70	29	29. 31
Juni	738.7	727.9	17	745.5	1	12.1	17.8	14.6	14.8	8.4	24	24.4	14	81	57	74	71	27	6
Juli	738.4	733.5	17	743.9	19	15.6	22.1	18.6	18.7	10.0	1	32.4	17	76	52	70	66	33	1
August	739.5	732.8	2	745.2	21	14.9	21.8	17.7	18.0	7.2	31	31.8	23	83	54	74	70	30	23
September	737.0	727.1	23	745.9	20	12.6	18.1	14.3	14.8	7.4	30	24.4	16	87	63	84	78	40	3. 10
Oktober	738.6	729.7	15	747.2	29	6.0	10.7	7.7	8.0	0.3	28	15.8	7	94	73	90	86	49	1
November	739.8	729.0	3	750.5	10	2.9	6.7	4.3	4.5	-4.0	21	14.9	5	93	79	88	87	64	1. 22
Dezember	738.1	724.3	20	749.4	14	4.3	6.6	4.9	5.2	-2.0	26	13.4	13. 23	88	80	89	86	56	18
Jahr	738.7	719.9	I	753.4	II	7.4	12.8	9.5	9.8	-14.2	I	32.4	VII	86	64	81	77	27	VI

Neuchâtel.

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$, $H_b = 487.3^m$, $G = 0.06$ m/m, $h_r = 1.3^m$

Januar	722.7	701.3	8	734.5	25	-1.2	1.5	0.0	0.1	-13.5	5	10.0	17	90	84	85	86	46	4
Februar	726.6	707.1	28	733.9	23	-1.2	3.4	1.3	1.2	-8.0	17	10.9	23	88	78	82	83	50	16
März	719.1	706.0	2	729.4	21	1.1	7.8	4.1	4.3	-3.4	16	15.6	25	90	69	78	79	47	27
April	714.6	704.6	14	722.0	26	5.7	10.9	7.8	8.0	1.6	20. 22	19.5	14	91	72	81	81	46	27
Mai	719.5	708.2	7	725.6	2	11.8	19.2	14.4	14.9	7.2	2	25.4	19	81	53	66	67	32	31
Juni	720.6	709.5	17	727.3	8	12.1	18.3	13.8	14.5	8.2	10	23.9	9	80	59	69	69	26	7
Juli	720.7	716.3	9	726.2	19	15.3	22.5	17.6	18.3	10.1	29	30.4	17	79	52	64	65	37	21. 26
August	721.8	715.3	2	727.3	21	14.9	22.5	17.3	18.0	7.5	31	30.6	23	80	53	67	67	35	17
September	719.4	708.6	23	726.9	20	11.9	17.7	13.6	14.2	7.0	30	23.6	1	89	69	81	79	48	1. 3. 13
Oktober	720.1	712.1	15	728.0	29	6.0	10.9	7.4	7.9	0.4	29	17.4	5	90	73	85	83	49	2. 3
November	721.2	712.2	3	730.9	10	3.0	5.7	3.7	4.1	-2.2	17	12.6	7	89	81	87	86	50	13
Dezember	720.4	707.2	19	730.8	14	3.1	4.8	3.7	3.8	-3.2	2	11.4	14	91	85	91	89	58	19
Jahr	720.6	701.3	I	734.5	I	6.9	12.1	8.7	9.1	-13.5	I	30.6	VIII	87	68	78	78	26	VI

Beobachter: **J. Haltner.** **Altstätten.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●≥1.0	✳	▲	⌇	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.9	5.6	5.3	5.9	66	24	16	9	7	5	—	—	6	7	11	5	1	0	0	20	2	8	4	53	Januar
6.0	6.2	5.8	6.0	24	7	22	6	6	2	—	—	6	6	11	2	5	10	3	1	1	3	9	50	Februar
5.5	5.1	4.2	4.9	24	6	3	8	6	5	—	—	1	9	5	7	9	5	4	6	5	4	6	47	März
7.5	7.1	6.8	7.1	78	36	15	16	12	1	—	2	0	2	16	7	9	9	7	3	5	7	8	35	April
4.7	5.3	4.7	4.9	63	18	12	10	9	—	1	4	0	7	8	14	14	10	2	5	3	5	7	33	Mai
5.7	5.9	6.4	6.0	191	35	21	17	17	—	—	2	0	4	10	11	18	6	1	1	0	9	11	33	Juni
5.2	5.2	5.8	5.4	132	36	28	15	12	—	—	3	0	6	6	12	16	3	1	2	2	4	8	45	Juli
4.8	5.5	5.6	5.3	170	34	6	14	13	—	—	3	0	10	11	5	1	2	3	3	7	10	15	47	August
6.4	6.3	5.4	6.0	135	22	10	16	14	—	—	1	2	3	9	2	7	0	1	3	1	11	21	44	September
7.6	6.4	7.3	7.1	37	9	8	12	9	—	—	—	4	4	18	14	0	1	0	0	0	8	11	59	Oktober
7.1	6.8	6.0	6.6	32	17	27	5	4	1	—	1	6	3	12	15	1	0	0	2	1	2	6	63	November
7.4	7.3	7.1	7.3	271	58	23	18	18	4	—	—	3	1	14	2	0	0	0	1	10	21	7	52	Dezember
6.2	6.1	5.9	6.0	1223	58	XII	146	127	18	1	13	28	62	131	96	81	46	22	47	37	92	113	561	Jahr

Beobachter: **J. Bommer.** **Säntis.**

5.3	5.3	4.5	5.0	112	42	16	12	10	12	—	—	12	10	8	4	11	3	3	5	36	17	5	9	Januar
4.4	4.6	4.2	4.4	105	24	23	8	8	8	—	—	10	11	8	3	9	4	2	4	29	22	1	10	Februar
6.1	6.0	5.7	5.9	76	24	29	15	14	15	—	—	14	5	9	5	7	10	5	7	19	12	5	23	März
6.4	7.6	7.1	7.0	95	24	15	17	16	17	1	2	20	0	10	3	13	7	13	12	19	10	0	13	April
6.3	8.1	5.5	6.6	130	42	12	15	12	11	—	2	21	1	11	7	16	3	2	5	20	9	8	23	Mai
6.7	9.0	8.1	7.9	446	118	21	21	21	16	—	4	25	0	16	2	12	1	0	2	31	23	3	16	Juni
6.6	7.8	7.8	7.4	295	103	28	14	12	6	—	1	24	0	15	2	2	0	2	6	33	28	4	16	Juli
6.4	7.7	6.1	6.7	317	68	6	20	17	9	—	3	22	2	14	2	1	1	1	4	35	34	5	10	August
6.3	6.9	6.6	6.6	275	51	10	18	16	11	—	1	19	3	12	0	0	2	1	6	51	28	0	2	September
6.9	6.8	6.1	6.6	81	31	8	13	12	13	—	—	17	4	13	2	10	9	6	12	17	17	7	13	Oktober
5.1	4.6	4.5	4.7	125	41	27	10	9	10	—	—	13	8	4	3	14	5	0	8	30	17	1	12	November
7.9	7.8	7.0	7.6	698	115	13	20	20	20	—	—	25	2	16	2	5	3	1	1	42	28	7	4	Dezember
6.2	6.9	6.1	6.4	2755	118	VI	183	167	148	1	13	222	46	136	35	100	48	36	72	362	245	46	151	Jahr

Beobachter: **Bernoullianum.** **Basel.**

7.3	6.4	6.9	6.9	40	10	7	11	9	6	—	—	5	3	14	0	1	8	36	1	10	7	7	23	Januar
6.4	6.1	3.7	5.4	16	7	28	6	4	—	—	—	2	3	8	3	5	19	21	4	7	5	5	15	Februar
6.5	5.5	4.1	5.4	33	11	1	10	5	5	—	—	2	10	8	8	0	13	15	8	7	12	6	24	März
8.7	8.5	7.5	8.2	92	15	27	15	13	4	—	1	0	0	19	8	2	5	10	6	5	20	14	20	April
5.5	5.9	4.9	5.4	33	10	11	10	5	—	—	2	0	7	6	4	4	14	12	2	6	16	16	19	Mai
5.9	6.3	5.6	5.9	66	21	10	15	11	—	—	1	0	1	7	3	6	17	5	3	14	19	14	9	Juni
5.3	5.7	5.1	5.4	41	14	23	9	5	—	—	2	0	7	7	5	2	11	14	5	15	16	9	16	Juli
5.2	5.6	2.9	4.6	52	15	24	8	8	—	—	2	2	5	5	1	3	17	14	3	14	17	5	19	August
7.4	6.6	5.3	6.4	135	20	23	16	15	—	—	1	1	4	11	2	3	12	21	6	10	13	7	16	September
8.5	6.2	6.1	6.9	54	36	15	9	6	—	—	—	8	1	11	5	1	14	11	1	1	10	9	41	Oktober
8.5	6.9	6.2	7.2	47	12	27	12	11	1	—	—	6	1	14	1	1	19	13	2	0	4	4	46	November
8.7	8.2	6.8	7.9	69	13	23	16	12	2	—	—	1	0	18	4	2	13	20	9	6	20	2	17	Dezember
7.0	6.5	5.4	6.3	678	36	X	137	104	18	—	9	27	42	128	44	30	162	192	50	95	159	98	265	Jahr

Beobachter: **Observatorium.** **Neuchâtel.**

8.6	8.0	7.8	8.1	67	29	7	12	9	3	—	—	9	2	18	13	20	3	3	2	5	21	19	7	Januar
6.5	6.7	5.4	6.2	22	18	28	6	2	2	—	—	10	3	10	6	31	7	1	0	5	10	10	14	Februar
6.8	5.8	3.8	5.5	43	10	2	10	10	5	—	—	4	3	8	8	26	10	1	6	9	10	10	13	März
8.4	8.6	7.8	8.3	92	20	1	17	16	3	—	2	2	1	20	15	20	6	6	1	8	9	12	13	April
4.9	5.6	5.1	5.2	50	23	11	10	6	—	1	3	1	3	5	9	20	16	7	3	7	13	13	5	Mai
5.4	6.2	4.7	5.4	132	25	21	14	13	—	—	4	0	6	9	7	24	16	5	3	12	10	10	3	Juni
5.5	4.8	5.1	5.1	35	11	9	9	5	—	—	1	0	6	8	11	24	10	3	5	16	10	12	2	Juli
5.0	5.0	3.2	4.4	43	15	24	10	7	—	—	2	0	8	5	9	19	4	10	4	15	6	19	7	August
8.2	7.1	5.9	7.1	174	39	23	16	16	—	—	2	3	0	13	11	9	2	2	5	27	10	13	11	September
8.3	7.1	6.7	7.4	42	25	15	9	7	—	—	—	3	3	18	19	32	10	7	2	4	2	7	10	Oktober
8.9	7.7	7.6	8.1	66	15	8	9	8	1	—	—	7	2	20	8	33	16	3	4	2	4	12	8	November
8.4	9.0	8.0	8.5	186	44	22	15	15	3	—	—	9	1	24	10	16	3	0	0	9	27	22	6	Dezember
7.1	6.8	5.9	6.6	952	44	XII	137	114	17	1	14	49	38	158	126	274	103	48	35	119	132	159	99	Jahr

Chaumont.

$\lambda = 6°59'$, $\beta = 47°1'$, $H_b = 1127^m$, $G = -0.02$ m/m, $h_r = 1.3^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	667.6	650.6	8	680.1	25	−0.6	2.5	−0.3	0.3	−14.1	9	9.4	25	77	70	76	74	29	4
Februar	671.3	654.3	28	679.0	23	−0.8	2.4	−0.1	0.4	−13.5	16	7.4	11	78	71	77	75	34	3
März	664.8	652.8	2	675.2	21	−0.1	3.7	1.2	1.5	−6.1	27	11.5	25	84	72	79	78	35	28
April	661.3	653.2	14	668.7	26	2.8	6.1	3.6	4.1	−2.8	19. 20	16.0	14	92	82	89	88	50	13. 26
Mai	667.1	656.4	7	673.0	22	9.3	13.5	9.9	10.6	4.9	14	20.0	20	85	68	80	78	45	4
Juni	667.8	657.8	17	674.7	8	8.6	12.2	9.1	9.7	4.0	10	19.0	14	86	74	80	80	44	7
Juli	668.8	664.5	1	673.3	19	12.5	16.8	13.1	13.9	7.2	3. 27	27.0	17	82	69	76	75	44	17
August	669.7	663.9	6	675.4	21	12.2	16.7	13.0	13.7	6.3	30	25.0	23	86	70	81	79	47	23
September	666.9	656.3	23	672.4	20	9.7	13.0	10.0	10.7	2.5	30	18.9	17	88	78	89	85	52	16
Oktober	666.3	658.8	16	673.5	7	3.3	7.2	4.0	4.6	−0.2	28	14.9	23	90	80	91	87	36	7
November	666.6	659.4	27	676.5	10	0.9	3.8	1.1	1.7	−6.9	16	14.1	6	90	78	90	86	30	22
Dezember	665.9	652.4	19	676.4	14	1.1	3.5	1.7	2.0	−7.5	27	10.5	5	91	85	92	89	19	3
Jahr	667.0	650.6	I	680.1	I	4.9	8.5	5.5	6.1	−14.1	I	27.0	VII	86	75	83	81	19	XII

Bern.

$\lambda = 7°26'$, $\beta = 46°57'$, $H_b = 572.2^m$, $G = 0.05$ m/m, $h_r = 1.5^m$

Januar	714.8	693.7	8	726.6	25	−3.6	1.7	−1.7	−1.3	−16.8	5	10.7	21	92	77	91	87	44	21
Februar	718.7	699.8	28	726.2	23	−2.6	3.8	0.1	0.3	−10.4	17	10.8	23	93	69	89	84	43	8
März	711.4	698.1	2	722.2	21	−0.2	8.0	3.0	3.5	−5.8	7	16.0	25	94	56	85	78	30	18
April	706.9	697.3	14	714.3	26	5.1	11.0	7.2	7.6	0.6	20	16.8	14	94	63	91	83	27	26
Mai	712.1	700.5	7	717.9	2	11.5	18.3	13.2	14.0	6.2	1	24.9	23	85	49	78	70	29	31
Juni	713.2	701.9	17	719.8	8	11.8	17.1	12.9	13.7	8.0	10. 18	23.7	9	83	53	77	71	19	7
Juli	713.3	708.9	9	718.3	19	15.3	21.2	16.6	17.4	10.4	28	28.9	17	83	54	80	72	31	7
August	714.4	708.3	3	719.7	22	13.9	21.5	15.6	16.7	6.5	31	30.4	23	92	52	85	76	24	23
September	711.9	701.2	23	719.1	20	11.1	17.5	12.8	13.5	5.8	22	24.7	5	96	68	94	86	30	1
Oktober	712.5	704.4	15	720.1	29	4.7	9.7	6.1	6.6	−1.3	29	15.1	7	98	75	97	90	44	2
November	713.4	704.2	3	723.0	10	1.5	5.3	2.6	3.0	−5.1	23	12.5	7	94	80	92	89	54	25
Dezember	712.5	699.1	19	722.9	14	1.8	4.9	2.5	2.9	−5.2	27	11.6	14	90	82	93	88	58	19
Jahr	712.9	693.7	I	726.6	I	5.9	11.7	7.6	8.2	−16.8	I	30.4	VIII	91	65	88	81	19	VI

Genf.*)

$\lambda = 6°9'$, $\beta = 46°12'$, $H_b = 405.0^m$, $G = 0.02$ m/m, $h_r = 1.7^m$

Januar	730.6	709.7	8	742.3	25	−0.8	2.8	1.0	1.0	−13.2	5	13.4	19	87	77	84	84	47	12
Februar	734.1	715.1	28	741.1	11	−1.2	4.8	1.9	1.9	−7.0	20	13.7	8	89	70	82	80	41	22
März	726.3	714.3	2	736.5	21	1.2	8.0	5.0	4.8	−3.4	6	16.6	25	85	54	74	70	30	27
April	721.8	711.6	14	729.1	26	6.2	11.3	8.4	8.6	0.6	22	18.0	14	86	60	76	74	33	26
Mai	726.4	715.5	7	732.9	2	12.4	18.3	14.9	15.1	8.2	2	25.1	23	77	52	66	66	27	29
Juni	727.7	716.2	17	734.3	8	13.3	18.4	15.1	15.5	9.2	10	24.4	26	74	50	68	65	25	24
Juli	727.9	722.8	9	732.9	19	16.3	22.0	18.4	18.8	11.6	29	27.8	18	73	51	66	63	31	8
August	728.9	722.8	3	734.2	21. 22	15.8	22.8	18.1	18.7	7.6	31	31.9	23	76	46	68	64	27	23
September	726.7	715.8	23	734.2	20	12.6	19.3	14.8	15.4	6.8	14	28.6	5	88	59	79	76	26	1
Oktober	727.2	719.8	17	735.0	29	5.8	11.3	7.8	8.2	0.0	28	19.0	7	91	67	81	82	34	2
November	728.4	719.4	3	737.8	10	3.9	7.1	5.1	5.3	−2.4	24	13.0	7	89	77	83	84	53	19
Dezember	728.5	716.2	30	738.0	14	3.3	5.7	4.3	4.4	−1.6	27	11.7	30	90	81	89	87	34	25
Jahr	727.9	709.7	I	742.3	I	7.4	12.7	9.6	9.8	−13.2	I	31.9	VIII	84	62	76	75	25	VI

St. Bernhard.

$\lambda = 7°11'$, $\beta = 45°52'$, $H_b = 2475.8^m$, $G = -0.22$ m/m, $h_r = 6.0^m$

Januar	565.1	547.4	8	576.1	25	−8.2	−6.4	−7.8	−7.6	−18.2	8	0.5	26	73	73	74	73	28	29
Februar	567.1	553.2	28	574.8	11	−7.5	−4.5	−6.9	−6.5	−18.7	16	5.6	24	65	60	67	64	24	24
März	561.7	548.5	2	570.4	21	−8.6	−5.1	−7.9	−7.4	−14.4	27	0.4	24	80	73	88	80	36	13
April	559.5	553.2	20	566.0	26	−5.5	−2.6	−5.1	−4.6	−10.4	20. 22	2.8	26	95	87	97	93	60	26
Mai	566.0	557.1	7	572.4	23	0.2	4.8	0.7	1.6	−3.7	28	11.8	19	84	68	90	81	47	23
Juni	566.7	559.4	17	573.6	8	0.9	4.5	1.5	2.1	−5.2	24	11.6	9	86	72	92	83	44	9
Juli	569.3	564.4	1	574.3	17	5.0	9.0	6.2	6.6	−0.7	28	15.7	17	77	68	89	78	35	21
August	569.9	564.2	7	577.3	21	4.9	9.7	6.0	6.6	−2.6	30	17.0	21	80	66	87	78	31	31
September	567.9	556.9	24	573.0	15	4.1	7.1	4.6	5.1	−2.2	13	14.4	20	77	75	84	79	42	4
Oktober	564.5	556.5	16	572.1	6	−2.7	−0.4	−2.4	−2.0	−8.6	17	7.1	6	83	82	87	84	30	6. 28
November	564.2	558.1	18	573.9	10	−5.8	−3.3	−5.6	−5.0	−14.4	17	1.8	2. 11	82	82	85	83	28	23
Dezember	563.5	552.2	19	574.4	14	−5.6	−3.8	−5.3	−5.0	−17.0	26	5.6	5	82	74	79	78	35	2
Jahr	565.0	547.4	I	577.3	VIII	−2.4	0.8	−1.8	−1.3	−18.7	II	17.0	VIII	80	73	85	79	24	II

*) **Genf.** Vergleiche Fussnote auf Pag. 2. — Die Monatsmittel der Temperatur sind hier der in den Annalen gebräuchlichen Stundenkombination entnommen.

Beobachter: Frl. **E. Houriet.**

Chaumont.

Bewölkung 7³⁰	13³⁰	21³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≥1.0	*	▲	⚠	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1918
5.4	5.3	5.7	5.5	49	11	15	11	10	3	—	—	4	11	14	0	0	0	0	1	0	40	0	52	Januar
4.1	3.9	4.1	4.0	29	16	28	5	5	5	—	—	3	15	8	5	2	3	0	0	0	20	0	54	Februar
4.8	5.2	4.9	5.0	53	17	30	11	10	10	—	—	8	10	9	18	4	4	0	0	1	18	6	42	März
8.0	7.6	7.6	7.7	118	19	30	18	17	10	—	1	6	3	20	3	1	0	0	3	1	12	6	64	April
4.5	4.2	4.5	4.4	77	27	26	12	11	—	3	5	5	9	7	12	0	6	0	0	6	17	5	47	Mai
5.1	5.6	4.8	5.2	169	36	21	14	14	—	1	4	5	11	12	16	1	4	0	0	0	17	6	46	Juni
4.1	5.1	4.8	4.7	43	12	9	9	8	—	—	—	5	11	9	4	1	1	5	5	2	25	6	44	Juli
5.4	4.5	4.4	4.8	66	21	24	8	8	—	—	1	5	9	9	11	0	3	0	1	6	17	12	43	August
7.0	7.3	6.8	7.0	216	45	23	16	16	—	—	1	7	2	14	2	0	0	0	4	3	36	6	39	September
6.5	5.9	5.2	5.9	32	10	8	7	7	3	1	—	12	5	12	8	1	3	0	0	0	9	3	69	Oktober
7.0	6.0	5.8	6.3	97	22	28	9	8	5	—	—	10	3	12	18	0	0	0	1	0	17	4	50	November
7.5	7.8	6.9	7.4	227	38	23	14	14	9	—	—	7	3	16	1	0	2	0	0	6	40	4	40	Dezember
5.8	5.7	5.5	5.7	1176	45	IX	134	128	45	5	12	77	92	142	98	10	26	5	15	25	268	58	590	Jahr

Beobachter: **Tellur. Observatorium.**

Bern.

6.6	5.9	5.9	6.1	46	11	16	10	8	4	—	—	14	5	12	0	2	0	0	0	5	6	0	80	Januar
6.1	5.2	5.5	5.6	26	13	28	6	6	2	—	—	11	4	6	1	5	3	0	0	0	4	1	70	Februar
6.2	6.0	4.7	5.6	55	19	2	9	7	4	—	—	18	4	8	2	6	3	0	0	4	7	0	71	März
8.4	8.6	7.7	8.2	83	24	30	19	15	4	—	2	4	0	20	1	5	1	0	0	3	5	1	74	April
4.3	5.5	5.2	5.0	44	20	11	10	6	—	2	2	2	3	4	1	13	10	1	1	2	8	3	54	Mai
5.1	6.0	5.4	5.5	162	33	10.15	17	16	—	1	5	1	7	9	1	6	7	1	0	2	10	0	63	Juni
4.9	5.1	5.0	5.0	29	16	9	9	6	—	—	1	0	8	8	1	5	4	0	0	2	10	5	66	Juli
5.0	4.9	4.5	4.8	66	16	2	10	10	—	1	1	2	7	6	1	1	1	0	1	4	7	2	76	August
7.5	6.4	6.8	6.9	238	49	10	18	16	—	—	2	2	2	10	1	1	1	2	0	5	9	3	68	September
8.8	6.3	6.7	7.3	55	36	15	9	6	—	—	—	18	2	18	1	10	2	0	0	0	0	0	80	Oktober
9.0	6.9	7.4	7.8	29	8	27	7	7	1	—	—	14	1	18	0	13	3	0	0	0	0	0	74	November
8.3	7.9	7.8	8.0	139	40	23	17	16	4	—	—	13	1	18	0	1	0	0	0	4	9	0	79	Dezember
6.7	6.2	6.0	6.3	972	49	IX	141	119	19	4	13	99	44	137	10	68	35	4	2	31	75	15	855	Jahr

Beobachter: **Observatorium.**

Genf.

6.9	7.0	6.4	6.9	51	15	7	9	8	2	—	—	9	5	14	12	10	2	4	9	17	6	7	26	Januar
5.9	4.7	3.4	4.9	10	9	28	3	1	1	—	—	7	7	6	14	12	1	11	3	3	4	1	35	Februar
4.4	3.6	3.1	3.5	47	11	30	7	7	2	—	—	0	13	4	24	20	0	0	5	10	1	1	32	März
7.6	6.8	6.6	7.0	106	20	18	15	14	3	—	1	0	3	16	13	11	0	1	6	14	1	5	39	April
3.6	3.7	3.1	3.6	17	4	14	7	5	—	—	4	0	11	5	22	20	1	1	6	11	0	2	30	Mai
3.7	3.8	3.7	3.8	155	57	15	10	9	—	1	3	0	13	7	17	20	0	2	6	8	0	1	36	Juni
3.4	3.1	2.5	3.0	65	34	10	8	7	—	1	3	0	15	3	12	11	0	4	7	16	3	5	35	Juli
3.3	2.4	2.1	2.9	33	14	24	7	5	—	—	4	0	18	2	15	14	0	0	8	17	1	0	38	August
6.3	5.2	4.8	5.3	180	53	23	16	15	—	—	5	0	6	9	8	7	0	5	12	21	3	1	33	September
6.3	4.7	5.4	5.4	61	24	24	10	6	—	—	—	1	7	12	12	13	1	2	5	4	0	4	52	Oktober
9.3	7.8	7.6	8.2	77	15	29	10	8	—	—	—	6	0	18	16	16	0	3	3	0	0	0	52	November
8.9	7.6	7.8	7.9	154	30	18	15	14	1	—	—	8	1	30	4	4	0	2	8	15	2	2	56	Dezember
5.8	5.0	4.7	5.2	956	57	VI	117	99	9	2	20	31	99	116	169	158	5	35	78	136	21	29	464	Jahr

Beobachter: **Hospiz.**

St. Bernhard.

4.4	5.1	4.8	4.8	174	29	16	14	14	14	—	—	11	13	11	0	33	0	0	0	28	0	0	32	Januar
2.5	2.3	2.0	2.3	72	24	13	5	5	5	—	—	4	20	3	0	32	0	0	0	15	0	0	37	Februar
4.3	4.5	4.7	4.5	164	66	2	16	15	16	—	—	9	11	5	0	34	0	0	0	32	0	0	27	März
7.6	8.8	7.6	8.0	270	53	9	22	22	22	—	—	15	2	18	0	13	0	0	0	43	0	0	34	April
4.7	5.0	6.4	5.4	95	35	6	10	9	9	—	—	11	7	7	0	24	0	0	0	29	0	0	40	Mai
5.6	5.4	6.1	5.7	250	45	10	15	15	8	—	—	10	8	11	0	39	0	0	0	18	0	0	33	Juni
4.7	4.6	5.9	5.1	80	26	9	8	7	—	—	—	10	7	9	0	36	0	0	0	27	0	0	30	Juli
4.8	4.1	4.6	4.5	99	26	6	10	8	2	—	—	13	8	4	0	42	0	0	0	24	0	0	27	August
5.8	5.8	4.6	5.4	207	35	23	18	17	3	—	—	7	8	8	0	21	0	0	0	41	0	0	28	September
7.2	6.6	6.1	6.6	231	48	15	17	17	17	—	—	13	6	15	0	49	0	0	0	24	0	0	20	Oktober
5.2	5.4	4.4	5.0	193	49	29	16	14	16	—	—	12	11	10	0	28	0	0	0	43	0	0	19	November
5.2	5.4	4.6	5.1	460	75	22	17	17	17	—	—	6	10	10	0	51	0	0	0	16	0	0	26	Dezember
5.2	5.3	5.1	5.2	2295 *)	75	XII	168	160	129	—	—	121	111	111	0	402	0	0	0	340	0	0	353	Jahr

*) **St. Bernhard.** Mit diesem Jahre publizieren wir die Messungen mit einem geschützten Regenmesser (Niphertrichter), der im Mai 1917 neben dem alten Regenmesser aufgestellt wurde.

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$, $H_b = 540^{\mathrm{m}}$, $G = 0.0\ ^{\mathrm{m}}/_{\mathrm{m}}$, $h_r = 2.4^{\mathrm{m}}$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	718.8	697.1	8	730.0	25	−1.2	3.1	−0.3	0.3	−10.6	12	12.0	21. 23	73	59	76	69	26	21
Februar	721.3	703.7	28	729.3	11	−1.0	6.5	1.8	2.3	−6.6	17	13.1	23	77	42	66	62	19	16
März	713.9	701.0	2	723.9	22	1.6	9.6	5.0	5.3	−2.6	7	16.7	25	79	40	60	59	28	19
April	709.2	700.0	14	718.3	26	7.2	14.4	9.2	10.0	1.2	21	18.9	13	76	41	62	60	20	3
Mai	713.8	704.4	7	720.9	22	13.1	21.2	15.2	16.2	8.6	1	26.1	20	66	34	50	50	21	3
Juni	714.5	704.0	17	722.6	8	13.4	19.8	14.8	15.7	8.5	10	25.2	9	70	47	58	58	25	4
Juli	714.7	709.5	9	719.3	19	16.7	23.9	18.0	19.2	11.0	28	30.9	17	66	43	58	56	31	17
August	715.8	710.0	6	722.3	21	15.2	23.2	17.6	18.4	8.0	31	30.3	23	75	45	60	60	32	30
September	714.4	702.9	23	721.2	14	12.3	18.3	14.3	14.8	7.9	14	23.5	5	86	59	75	73	29	10
Oktober	714.6	706.8	15	723.0	29	5.5	12.3	7.7	8.3	0.0	31	19.3	23	91	53	78	74	33	23
November	715.5	707.2	3	726.7	10	2.3	7.9	4.3	4.7	−5.4	23	21.1	6	83	55	75	71	27	6
Dezember	715.7	703.5	19	725.2	14	0.6	4.0	1.8	2.0	−8.6	27	10.7	14	85	67	80	77	36	25
Jahr	715.2	697.1	I	730.0	I	7.1	13.7	9.1	9.8	−10.6	I	30.9	VII	77	49	66	64	19	II

Lugano.

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$, $H_b = 276.2^{\mathrm{m}}$, $G = 0.03\ ^{\mathrm{m}}/_{\mathrm{m}}$, $h_r = 1.7^{\mathrm{m}}$

Januar	743.3	721.3	8	755.0	25	0.0	4.3	1.1	1.6	−6.6	5	8.8	14	76	63	76	72	20	9. 14
Februar	744.3	731.1	28	752.1	2	0.9	8.9	3.6	4.3	−5.0	17	22.0	23	70	44	62	59	14	15
März	738.6	726.1	26	745.4	19	3.4	11.1	6.3	6.8	−0.2	27	19.0	22	77	45	70	64	15	26
April	734.6	725.0	19	744.1	25	7.9	11.9	8.9	9.4	3.0	22	16.8	20	86	64	84	78	28	22
Mai	737.8	729.1	10	744.1	31	13.7	20.2	15.2	16.1	9.4	9	27.0	23	73	46	70	63	18	25
Juni	737.5	730.8	17	745.4	8	15.6	21.6	16.7	17.7	9.2	5	26.0	9. 23	65	42	61	56	18	23. 30
Juli	737.5	731.9	27	741.0	20	19.2	26.1	20.3	21.5	14.8	1	31.0	17. 18. 19	63	42	67	57	20	3. 28
August	738.5	732.2	7	747.1	22	17.9	25.6	19.1	20.4	10.2	31	30.6	23	61	38	63	54	17	27. 30
September	737.3	724.9	23	743.6	14. 15	15.5	22.7	16.9	18.0	10.6	15	26.0	26	76	49	77	67	15	13
Oktober	737.6	727.5	15	746.4	21	8.9	14.3	9.9	10.7	3.8	29	20.0	7	77	52	79	69	17	2
November	740.6	732.9	29	748.9	10	4.0	8.7	5.0	5.7	−2.4	25	14.6	9	79	54	77	70	35	15
Dezember	738.2	726.0	20	749.2	16	1.0	6.2	2.7	3.1	−3.4	27	10.0	1	72	59	71	67	13	25
Jahr	738.8	721.3	I	755.0	I	9.0	15.1	10.5	11.3	−6.6	I	31.0	VII	73	50	71	65	13	XII

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$, $H_b = 1712.6^{\mathrm{m}}$, $G = -0.12\ ^{\mathrm{m}}/_{\mathrm{m}}$, $h_r = 1.6^{\mathrm{m}}$

Januar	621.7	602.0	8	633.1	25	−11.0	−3.2	−8.7	−7.9	−25.1	9	3.2	17	80	66	74	73	39	15
Februar	623.7	610.0	28	631.1	10	−12.7	−1.0	−8.2	−7.5	−21.4	17	6.6	23	67	63	66	65	34	27
März	618.3	607.4	1	627.2	21	−8.9	2.1	−4.9	−4.2	−16.6	27	8.6	23	83	53	76	71	32	27
April	615.4	607.6	19	623.0	25	−0.3	5.4	0.9	1.7	−9.8	22	9.0	30	85	56	85	75	42	22
Mai	621.1	613.3	7	627.5	22	4.7	12.0	5.2	6.8	0.0	3	19.6	23	83	46	72	67	32	23
Juni	621.2	615.5	17	628.5	8	5.9	11.4	6.1	7.4	−1.6	6	18.1	14	79	52	72	68	31	24
Juli	622.9	617.6	27	627.1	17	8.8	16.2	9.7	11.1	4.6	30	24.4	17	84	47	74	68	28	17
August	623.8	617.6	6	631.9	22	6.7	15.7	9.3	10.3	−1.6	31	22.7	22	86	47	74	69	20	31
September	621.9	612.2	23	626.7	14. 15	4.9	13.9	7.5	8.5	−2.2	14	20.2	17	91	56	82	76	36	14
Oktober	620.0	611.6	16	627.5	21	−0.8	6.0	0.5	1.6	−8.6	30	11.6	6	89	59	82	77	22	28
November	620.4	614.3	27	629.6	10	−7.5	1.5	−4.0	−3.5	−15.0	18	9.3	5	87	62	78	76	34	11
Dezember	618.9	606.8	19	630.1	14	−7.5	−1.7	−6.6	−5.6	−23.5	26. 27	5.6	30	86	69	84	80	50	25
Jahr	620.8	602.0	I	633.1	I	−1.5	6.5	0.6	1.6	−25.1	I	24.4	VII	83	56	77	72	20	VIII

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$, $H_b = 2102.9^{\mathrm{m}}$, $G = -0.14\ ^{\mathrm{m}}/_{\mathrm{m}}$, $h_r = 1.8^{\mathrm{m}}$

Januar	591.6	572.6	8	602.8	25	−7.6	−4.9	−6.7	−6.5	−20.0	9	1.5	26	72	66	70	69	23	5
Februar	593.7	579.9	28	600.9	10	−6.6	−3.2	−5.9	−5.4	−20.0	16	4.5	8	55	52	57	55	23	21
März	588.6	576.3	2	597.5	21. 22	−6.2	−1.9	−5.8	−5.0	−15.6	27	4.4	24	72	63	79	71	29	19
April	586.2	579.1	19	593.6	26	−2.8	1.7	−2.5	−1.5	−8.8	22	9.0	30	89	59	90	76	27	24
Mai	592.4	584.1	7	598.5	22	2.6	6.0	2.3	3.3	−4.8	15	13.8	22	71	53	77	67	25	23
Juni	592.6	585.7	17	599.8	8	2.6	5.7	2.5	3.3	−3.8	5	13.7	14	73	58	83	71	28	8
Juli	594.6	589.6	27	599.0	19	6.5	10.6	6.7	7.6	0.1	28	19.1	17	75	57	88	73	25	21
August	595.4	589.3	6. 7	603.4	21	6.1	10.5	6.7	7.5	−1.8	30	17.3	21	73	54	87	71	21	31
September	593.3	582.9	23	597.9	17. 18	5.5	8.4	5.5	6.2	−0.3	24	14.1	17	74	64	83	74	32	15
Oktober	590.6	582.5	16	597.8	6	−1.1	0.9	−1.1	−0.6	−6.2	28	8.9	7	75	71	77	74	12	6
November	590.7	584.8	27	600.0	10	−4.5	−2.3	−4.3	−3.9	−10.9	17	4.5	11	70	65	70	68	13	23
Dezember	589.3	577.4	19	599.9	14	−4.8	−2.8	−4.3	−4.1	−15.2	26	4.4	15	68	62	66	65	9	2
Jahr	591.6	572.6	I	603.4	VIII	−0.9	2.4	−0.6	0.1	−20.0	I. II	19.1	VII	72	60	77	70	9	XII

Beobachter: **Couvent des Capucins.** **Sitten.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7⁸⁰	13⁸⁰	21⁸⁰	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.0	4.5	4.5	4.7	54	11	16	8	8	6	—	—	7	10	7	1	4	14	5	7	13	3	1	45	Januar
2.4	2.3	1.8	2.2	2	2	28	1	1	—	—	—	1	18	1	2	16	5	3	10	16	1	0	31	Februar
4.0	3.9	2.9	3.6	44	25	2	7	6	3	—	—	0	12	4	2	22	5	6	15	12	1	2	28	März
7.5	7.6	5.9	7.0	24	10*	21	6	6	1	—	—	1	2	13	0	8	9	2	9	17	8	1	36	April
3.7	4.4	4.9	4.3	10	7*	14	3	2	—	—	—	0	6	3	0	7	4	2	9	20	7	4	40	Mai
5.1	5.2	5.4	5.2	92	29	10	12	9	—	—	—	0	9	10	2	6	3	1	6	42	3	2	25	Juni
4.1	4.1	3.9	4.0	24	9	10	5	5	—	—	2	0	10	5	1	6	2	0	8	32	5	3	36	Juli
4.2	4.0	3.6	3.9	57	18	3	8	7	—	—	3	0	12	5	2	12	6	3	5	31	3	4	27	August
6.6	6.1	5.0	5.9	108	24	10	16	15	—	—	1	0	7	11	0	8	6	3	6	21	0	0	46	September
6.6	5.1	5.2	5.6	27	11	15	10	6	—	—	—	0	8	9	1	14	3	4	6	24	2	0	39	Oktober
5.4	4.5	5.7	5.2	40	16	29	4	4	4	—	—	0	7	6	1	14	4	9	5	14	0	0	42	November
6.3	7.0	6.0	6.4	227	59	22	16	16	5	—	—	2	5	14	1	11	6	4	4	4	0	1	62	Dezember
5.1	4.9	4.6	4.8	709	59	XII	96	85	19	—	6	11	106	88	13	128	67	42	90	246	33	18	458	Jahr

Beobachter: **G. Malatesta.** **Lugano.**

3.9	3.9	3.7	3.8	49	14	22	8	7	2	—	—	1	15	9	1	3	0	0	0	0	0	0	89	Januar
1.2	1.3	2.0	1.5	11	11	28	1	1	—	—	—	0	19	1	0	8	0	0	0	0	0	0	76	Februar
3.8	4.1	4.2	4.0	180	82	2	9	8	2	—	1	0	11	7	0	7	0	0	0	0	0	0	86	März
8.1	7.9	7.5	7.8	297	48	1	23	23	—	—	—	0	2	17	0	0	0	0	0	0	0	0	90	April
4.1	3.7	4.7	4.2	142	31	7	13	12	—	—	3	0	12	7	0	3	0	0	0	0	0	0	90	Mai
4.1	3.3	3.9	3.8	178	62	15	12	12	—	—	2	0	14	8	1	8	1	0	0	0	0	0	80	Juni
2.7	2.5	3.5	2.9	157	72	10	8	8	—	1	6	0	16	4	0	2	0	0	0	0	0	0	91	Juli
2.7	1.9	1.4	2.0	164	98	3	7	7	—	—	5	0	18	2	0	10	0	0	0	0	0	0	83	August
4.9	4.2	2.6	3.9	217	68	30	14	13	—	—	1	0	12	4	0	3	0	0	0	3	0	0	84	September
6.7	4.5	6.4	5.9	229	45	14	16	14	—	—	1	0	6	13	0	6	0	0	0	0	0	1	86	Oktober
5.6	3.7	5.9	5.1	99	37	6	5	5	—	—	—	4	6	8	0	0	0	0	0	0	0	0	90	November
3.9	3.7	4.7	4.1	32	13	31	5	5	—	—	—	2	12	6	0	6	0	0	0	0	0	0	87	Dezember
4.3	3.7	4.2	4.1	1755	98	VIII	121	115	4	1	19	7	143	86	2	56	1	0	0	3	0	1	1032	Jahr

Beobachter: **J. Camenisch.** **Bevers.**

3.8	4.5	3.4	3.9	26	7	8	6	4	6	—	—	0	14	6	8	6	1	1	4	5	20	2	46	Januar
2.7	3.5	2.4	2.9	14	10	22	4	3	4	—	—	0	13	3	8	5	1	1	2	1	21	0	45	Februar
4.7	5.2	4.4	4.8	74	35	2	8	5	8	—	—	0	9	6	6	9	0	0	10	6	19	6	37	März
7.7	8.1	8.2	8.0	31	8	1	13	10	10	—	—	0	0	15	11	5	0	7	15	8	16	1	27	April
5.5	5.9	5.2	5.5	22	7	14	11	8	—	2	—	1	7	10	17	5	2	3	14	5	23	1	23	Mai
6.1	6.1	6.5	6.2	87	15	12	15	13	2	1	—	2	3	11	15	7	3	1	5	12	20	5	22	Juni
5.0	5.6	4.5	5.0	33	15	10	11	6	—	—	2	1	6	9	7	9	5	0	10	8	17	2	35	Juli
4.5	5.2	4.4	4.7	62	28	3	13	10	1	—	1	1	10	7	7	6	5	3	8	6	19	3	36	August
5.5	5.9	4.5	5.3	181	52	23	16	13	1	—	2	2	8	8	9	1	0	1	19	9	15	3	33	September
7.3	6.3	6.2	6.6	92	22	1	15	10	8	—	—	0	3	13	15	5	0	4	6	1	14	3	45	Oktober
4.4	4.2	4.4	4.3	14	4	28.29	10	3	5	—	—	1	10	7	9	4	0	1	10	4	11	4	47	November
6.5	6.2	5.2	6.0	147	35	13	16	13	13	—	—	0	5	12	5	1	2	3	3	1	11	1	66	Dezember
5.3	5.6	4.9	5.3	783	52	IX	138	98	58	3	5	8	88	107	117	63	19	25	106	66	206	31	462	Jahr

Beobachter: **W. Horlacher.** **St. Gotthard** (Hospiz).

4.5	4.9	4.4	4.6	111	18	8	11	11	11	—	—	12	15	12	28	1	3	15	31	1	1	0	13	Januar
2.7	3.2	2.4	2.8	44	13	28	7	7	7	—	—	7	18	4	53	0	1	10	7	0	0	0	13	Februar
4.9	5.0	5.7	5.2	233	63	1	16	13	16	—	—	11	7	8	41	2	3	0	25	0	0	0	22	März
8.7	9.1	8.7	8.8	259	60	9	22	22	22	—	—	17	1	24	16	0	0	9	37	0	0	0	28	April
5.0	6.0	5.7	5.6	130	35	14	14	14	10	—	—	10	6	9	48	0	0	1	13	0	0	0	31	Mai
5.6	5.3	7.8	6.2	463	166	17	18	18	6	—	1	13	6	13	53	0	1	2	10	0	0	1	23	Juni
5.0	5.5	6.2	5.6	96	37	10	11	9	2	—	1	12	6	8	48	1	0	5	15	0	0	0	24	Juli
5.3	4.8	6.7	5.6	154	71	2	10	10	3	—	—	18	3	8	49	0	0	2	14	0	0	0	28	August
6.2	6.1	5.7	6.0	313	112	23	18	16	3	—	1	17	5	8	21	0	0	1	35	0	0	0	33	September
7.1	6.9	5.6	6.5	268	46	22	20	19	13	—	1	13	5	13	48	0	0	0	23	0	0	0	22	Oktober
4.9	6.5	6.1	5.8	128	19	28	18	16	17	—	—	16	6	14	33	0	0	1	26	0	0	0	30	November
5.8	6.4	4.7	5.6	300	46	28	16	14	16	—	—	13	9	11	52	0	0	0	12	0	0	0	29	Dezember
5.5	5.8	5.8	5.7	2499 *)	166	VI	181	169	126	—	4	159	87	132	490	4	8	46	248	1	1	1	296	Jahr

*) **St. Gotthard.** Von diesem Jahre an werden die Messungen des geschützten Regenmessers (Niphertrichter) publiziert, der seit Oktober 1907 neben dem gewöhnlichen Regenmesser beobachtet wird.

Sargans.

$\lambda = 9°26'$, $\beta = 47°3'$, $H_b = 506.7^m$, $G = 0.06$ m/m, $h_r = 1.2^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	720.2	696.6	8	731.3	25	−0.8	3.9	0.6	1.1	−12.2	4	15.8	23	73	59	71	68	30	21
Februar	724.0	705.5	28	731.6	23	−1.7	5.0	0.1	0.9	−9.0	16	12.4	8	78	57	78	71	30	4
März	716.6	704.2	2	727.3	22	2.6	11.0	5.1	6.0	−2.7	27	17.6	24	75	48	65	63	29	19
April	711.8	703.1	14	719.6	26	7.5	14.4	8.8	9.9	2.0	21	21.4	14	78	53	73	68	25	9
Mai	717.0	705.7	7	723.2	31	11.6	20.5	13.8	14.9	7.1	2	28.3	21	78	47	64	63	30	31
Juni	718.1	706.6	17	724.6	8	11.1	17.7	12.4	13.4	5.4	18	26.6	9	85	59	75	73	32	8
Juli	718.2	713.4	9	723.3	19	14.9	22.3	16.2	17.4	8.6	21	34.2	17	84	56	79	73	37	17
August	719.4	713.4	6	724.9	21	13.7	21.6	15.5	16.6	6.8	30.31	30.2	22	88	57	83	76	42	13.31
September	717.1	706.3	23	723.4	20	12.2	18.5	13.2	14.3	7.6	14	26.1	17	89	67	90	82	34	22
Oktober	717.6	708.9	15	726.2	29	6.2	11.3	7.3	8.0	−1.8	31	20.2	23	95	69	91	85	35	21
November	718.9	709.4	3	729.0	10	1.8	6.9	3.6	3.9	−7.0	24	21.3	6	86	68	85	80	35	6
Dezember	717.9	705.2	19	728.8	14	1.5	4.9	2.4	2.8	−7.2	27	11.6	14	89	74	85	83	46	5
Jahr	718.1	696.6	I	731.6	II	6.7	13.2	8.3	9.1	−12.2	I	34.2	VII	83	60	78	74	25	IV

Heiden.*)

$\lambda = 9°32'$, $\beta = 47°27'$, $H_b =$ ca. 804^m, $G = 0.04$ m/m, $h_r = 1.7^m$

Januar	694.7	673.7	8	706.1	25	−2.1	3.2	−1.6	−0.5	−20.0	3	13.2	22	84	71	82	79	42	12
Februar	698.6	681.0	28	706.9	23	−2.8	3.3	−1.3	−0.5	−13.2	16.17	11.2	8	90	73	90	84	37	6
März	691.8	679.3	2	703.2	22	0.8	7.2	1.6	2.8	−8.0	27	15.0	17	87	67	86	80	39	17
April	687.5	679.1	9	694.8	25.26	6.0	10.1	5.2	6.6	−1.2	20	18.2	9	86	76	92	85	45	4.9.14
Mai	693.5	681.7	7	699.2	2. 31	10.6	17.2	9.9	11.9	5.0	2. 3	23.0	20	76	65	70	70	40	10. 19 31
Juni	694.0	684.7	17	701.7	9	9.8	14.3	9.1	10.6	4.6	5	23.4	14	80	73	81	78	34	6
Juli	694.2	689.8	23	699.4	19	15.0	18.1	14.4	15.5	8.3	28	30.0	17	85	70	84	80	41	17
August	695.2	689.3	2	701.7	22	14.1	17.9	14.0	15.0	5.1	30	25.2	23	88	81	92	87	65	1. 2
September	692.7	682.8	23	699.5	20	11.7	14.6	11.4	12.3	4.0	20	22.0	17	90	86	92	89	60	4
Oktober	692.7	684.3	15	700.5	29	4.8	7.9	5.0	5.7	−2.0	28	18.3	23	—	—	—	—	—	—
November	693.5	685.0	3	703.9	10	0.6	4.3	1.7	2.1	−8.2	16	16.2	7	—	—	—	—	—	—
Dezember	692.1	678.6	20	703.5	14	1.2	4.2	2.2	2.5	−8.8	27	10.5	6	—	—	—	—	—	—
Jahr	693.4	673.7	I	706.9	II	5.8	10.2	6.0	7.0	−20.0	I	30.0	VII	—	—	—	—	—	—

St. Gallen.

$\lambda = 9°23'$, $\beta = 47°26'$, $H_b = 702.0^m$, $G = 0.06$ m/m, $h_r = 1.4^m$

Januar	703.1	681.0	8	714.8	25	−1.6	2.8	−0.3	0.2	−16.8	4	14.0	22	71	60	66	66	24	21.22
Februar	707.3	689.4	28	715.4	23	−1.6	3.2	−0.2	0.3	−11.3	16	11.8	9	75	62	76	71	26	6. 8
März	700.4	688.0	2	711.7	21	1.0	7.1	2.8	3.4	−6.0	27	15.6	24	78	52	68	66	16	5
April	696.0	687.6	10.14	703.1	25.26	6.0	10.6	6.8	7.5	−0.5	22	18.0	14	77	55	72	68	12	9
Mai	701.6	690.0	7	707.6	31	12.0	16.9	11.3	12.9	6.6	2	23.2	22	68	45	68	60	22	30.31
Juni	702.4	692.0	17	709.1	1. 8	11.3	14.7	10.4	11.7	5.2	5	22.2	14	72	56	74	67	20	6
Juli	702.8	698.1	23	708.1	19	15.4	19.1	14.7	16.0	9.0	28	30.0	17	67	54	74	65	27	1
August	703.7	697.5	2	709.4	21	14.5	19.1	14.0	15.4	5.7	30	27.4	23	73	53	77	68	33	28
September	701.3	690.7	23	707.8	20	11.8	16.1	11.7	12.8	4.6	20	23.6	17	78	64	80	74	35	1
Oktober	701.6	692.8	15	709.6	29	5.0	8.4	5.4	6.0	−0.8	28	16.4	23	92	70	87	83	36	2
November	702.4	693.6	3	712.7	10	1.0	4.7	2.3	2.6	−5.2	25	17.1	6	92	74	85	84	26	6
Dezember	700.9	687.6	20	712.0	14	2.0	4.7	2.4	2.9	−8.0	27	10.9	14	85	75	86	82	45	18
Jahr	702.0	681.0	I	715.4	II	6.4	10.6	6.8	7.6	−16.8	I	30.0	VII	77	60	76	71	12	IV

Kreuzlingen.

$\lambda = 9°11'$, $\beta = 47°39'$, $H_b = 424.0^m$, $G = 0.11$ m/m, $h_r = 1.4^m$

Januar	727.5	705.8	8	739.5	25	−2.6	1.2	−1.0	−0.9	−15.0	6	8.8	24	92	81	87	86	49	12
Februar	731.8	712.8	28	739.2	11	−1.3	3.7	1.0	1.1	−9.4	20	11.6	9	89	68	84	80	44	8.9.10
März	724.3	711.5	2	735.6	21	1.7	8.0	4.2	4.5	−3.2	16	17.2	24	87	55	70	71	37	12.24
April	719.5	709.7	14	727.1	26	6.8	12.1	8.3	8.8	0.6	19	21.0	14	87	55	77	73	34	5
Mai	724.7	712.4	7	731.3	31	13.4	18.1	13.6	14.7	8.0	1	23.9	22	71	47	66	61	32	18
Juni	725.5	715.1	17	732.5	1	13.2	16.5	12.9	13.8	8.2	27	23.0	14	72	55	71	66	31	7
Juli	725.6	720.6	23	730.1	19	16.7	20.4	16.6	17.6	11.4	6. 28	28.4	17	71	54	73	66	37	12.20
August	726.5	720.2	6	732.4	21	15.7	20.3	15.9	16.9	8.4	30	27.2	23	76	56	76	69	32	28
September	724.1	713.3	23	732.2	20	12.1	16.9	13.0	13.7	6.5	30	23.8	5	90	63	86	80	40	5. 10
Oktober	725.3	715.8	15	733.7	29	6.3	9.9	6.9	7.5	0.5	28	14.8	23	94	68	89	84	43	4
November	726.6	716.9	3	736.9	10	2.7	5.2	3.3	3.6	−3.0	23	12.2	4	88	76	85	83	42	13
Dezember	724.8	711.1	19. 20	736.1	14	3.0	5.1	3.2	3.6	−3.4	28	12.8	14	91	79	92	87	50	18
Jahr	725.5	705.8	I	739.5	I	7.3	8.8	8.2	8.7	−15.0	I	28.4	VII	84	63	80	76	31	VI

*) **Heiden.** Am 13. Juli hat neuerdings eine Translokation stattgefunden in das alte Schulhaus im „Blumenfeld-Quartier" (neue Höhe: ca. 804^m); die Barometerangaben von Januar—Juli sind auf die neue Höhe reduziert.

Beobachter: **J. A. Albrecht.**

Sargans.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●*	●*≧1.0	*	▲	⚡	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
4.7	4.6	4.6	4.6	55	14	8	8	7	6	—	—	4	11	8	0	0	11	3	26	0	15	0	38	Januar
4.8	4.8	3.4	4.3	53	27	22	7	6	3	—	—	3	9	7	0	1	9	2	3	0	13	0	56	Februar
5.1	5.2	4.4	4.9	47	14	1	10	8	5	—	—	0	8	6	0	0	17	1	11	0	13	0	51	März
6.8	7.2	6.7	6.9	100	45	15	16	13	2	—	1	1	2	12	0	0	2	2	21	0	15	0	50	April
4.8	5.4	4.9	5.0	30	12	14	11	6	—	—	—	0	6	7	0	0	12	1	11	0	19	0	50	Mai
6.3	7.2	7.2	6.9	204	42	21	18	17	—	—	1	2	1	15	0	2	7	3	3	0	21	5	51	Juni
5.0	5.5	6.4	5.6	103	25	28	13	9	—	—	1	0	7	10	0	0	5	0	7	0	22	0	59	Juli
5.0	5.4	5.8	5.4	155	41	3	12	11	—	—	1	1	6	10	0	0	10	0	5	0	27	0	51	August
6.5	5.8	6.1	6.1	114	34	23	16	14	—	—	1	1	3	9	0	0	2	0	6	0	34	0	48	September
7.0	6.0	6.8	6.6	59	19	8	12	9	—	—	—	5	4	14	0	0	10	1	6	0	15	0	61	Oktober
6.7	5.2	5.5	5.8	40	16	29	3	3	3	—	—	6	3	9	0	0	16	5	8	0	7	0	54	November
6.8	6.4	6.3	6.5	292	58	22	20	16	4	—	—	1	4	14	0	0	9	3	14	0	20	0	47	Dezember
5.8	5.7	5.7	5.7	1252	58	XII	146	119	23	—	5	24	64	121	0	1	110	21	121	0	221	5	616	Jahr

Beobachter: Familie **H. Aemmisegger. G. Landolf.**

Heiden.

5.5	4.9	4.2	4.9	87	34	8	10	9	6	—	—	4	8	6	14	11	4	2	22	19	8	4	9	Januar
5.6	4.5	3.4	4.5	39	10	13	7	7	6	—	—	4	6	1	6	9	0	0	8	20	13	22	6	Februar
5.2	4.8	4.1	4.7	41	12	3	8	8	7	—	—	3	7	4	9	2	2	5	16	13	35	11	0	März
6.6	6.0	6.3	6.3	105	38	15	13	13	3	—	1	6	1	6	5	2	2	6	8	20	27	20	0	April
4.3	3.5	5.4	4.4	93	23	11	11	11	—	—	6	3	10	6	3	0	0	3	23	17	28	15	4	Mai
5.7	6.0	6.2	6.0	240	30	21	18	18	—	—	—	4	2	11	6	0	0	2	7	13	45	17	0	Juni
4.6	4.1	4.9	4.5	120	24	28	12	12	—	—	3	1	8	6	8	2	1	4	8	23	8	22	*) 5	Juli
3.9	4.7	4.5	4.4	179	39	6	15	14	—	—	1	0	10	4	3	0	0	2	13	29	2	8	36	August
5.3	5.3	4.1	4.9	139	25	20	16	16	—	—	—	4	6	5	1	1	0	7	10	20	1	8	42	September
6.5	5.9	5.3	5.9	64	16	8	11	11	—	—	—	10	4	5	1	0	2	1	5	6	0	10	68	Oktober
5.4	5.2	4.2	4.9	43	22	27	6	6	1	—	—	8	7	8	0	1	1	0	6	6	0	0	76	November
6.1	5.5	5.1	5.6	234	50	22	19	18	4	—	—	1	4	8	0	0	2	4	5	30	4	1	47	Dezember
5.4	5.0	4.8	5.1 ?	1384	50	XII	146	143	27	—	11	48	73	?70	—	—	—	·	—	-	—	—	—	Jahr

*) Im Juli fehlen 12 Windbeobachtungen.

Beobachter: **J. G. Kessler.**

St. Gallen.

5.8	5.4	4.9	5.4	61	27	8	10	8	7	—	—	4	9	10	2	3	0	5	0	19	0	1	63	Januar
5.6	6.5	6.3	6.1	30	9	25	8	6	4	—	—	6	5	11	4	7	2	0	1	13	0	1	56	Februar
5.5	5.1	4.2	4.9	35	9	1	10	9	6	—	—	2	9	8	12	12	1	3	0	6	2	3	54	März
7.5	7.3	6.4	7.1	100	33	15	15	14	5	—	—	3	2	14	10	7	1	3	0	7	0	5	57	April
5.5	5.6	5.1	5.4	39	11	12	9	6	—	—	2	1	9	8	11	15	2	2	3	5	4	5	46	Mai
6.1	6.3	6.8	6.4	174	24	17	18	16	—	—	4	2	4	13	12	9	1	0	5	12	2	2	47	Juni
5.3	5.2	5.5	5.3	127	32	4	11	9	—	—	3	0	6	8	5	13	0	0	3	11	0	7	54	Juli
5.4	5.8	5.2	5.5	121	24	9	13	11	—	—	4	1	8	14	6	7	0	0	5	17	3	6	49	August
6.7	6.2	5.3	6.1	150	27	23	16	15	—	—	1	2	5	9	2	2	3	0	1	15	6	6	55	September
8.2	7.2	7.4	7.6	46	12	8	13	10	—	—	—	10	5	20	6	3	1	0	0	3	0	4	76	Oktober
8.5	7.1	6.7	7.4	38	18	27	8	5	3	—	—	13	1	16	9	6	0	1	0	3	0	0	71	November
7.4	7.4	6.9	7.2	210	35	23	20	19	9	—	—	3	4	19	2	1	0	0	4	28	5	0	53	Dezember
6.5	6.3	5.9	6.2	1131	35	XII	151	128	34	—	14	47	67	150	81	85	11	14	22	139	22	40	681	Jahr

Beobachter: **J. Brauchli.**

Kreuzlingen.

8.5	7.1	6.9	7.5	65	23	8	11	8	4	—	—	11	2	15	1	3	1	0	0	11	11	1	65	Januar
7.4	7.1	6.7	7.1	29	11	13	6	6	2	—	—	9	3	14	5	7	1	0	1	11	8	2	49	Februar
6.4	4.6	4.9	5.3	38	10	30	8	7	4	—	—	6	6	10	7	12	4	1	1	5	6	2	55	März
8.9	7.8	7.4	8.0	108	44	15	15	12	2	—	2	3	2	20	2	10	5	1	2	6	9	4	51	April
5.6	5.4	5.2	5.4	31	10	12	8	4	—	—	2	1	5	6	5	15	8	1	1	8	11	2	42	Mai
5.9	7.3	5.6	6.3	111	21	21	17	14	—	—	5	2	5	12	8	15	2	1	3	14	12	4	31	Juni
6.6	5.5	5.7	5.9	96	26	4	11	11	—	—	2	1	5	10	1	6	4	0	2	13	23	3	41	Juli
6.3	5.4	5.0	5.6	87	18	2	13	11	—	—	2	3	7	6	0	2	6	1	5	9	20	4	46	August
8.2	7.1	6.4	7.2	217	42	10	18	17	—	—	1	7	1	13	3	5	3	0	5	19	8	2	45	September
8.7	7.1	7.0	7.6	33	14	15	11	8	—	—	—	7	1	17	4	4	2	1	0	7	5	5	65	Oktober
8.2	7.2	7.0	7.5	32	11	27	9	5	1	—	—	9	3	20	15	7	3	1	1	2	6	3	52	November
9.5	8.4	7.6	8.5	147	28	23	18	17	5	—	—	7	0	22	2	3	3	3	1	22	16	2	41	Dezember
7.5	6.7	6.3	6.8	994	44	IV	145	120	18	—	14	66	40	165	53	89	42	10	22	127	135	34	583	Jahr

Frauenfeld.*)

$\lambda = 8^\circ 54'$, $\beta = 47^\circ 34'$, $H_b = 432.9^m$, $G = 0.11$ m/m, $h_r = 7.1^m$, seit Mai $= 1.5^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	727.3	706.0	8	739.8	25	−3.5	0.7	−1.8	−1.6	−19.2	5	10.1	24	92	83	88	88	58	7
Februar	731.4	712.4	28	739.2	23	−2.2	3.4	−0.1	0.3	−10.5	20	10.9	9	92	70	88	83	48	8
März	723.9	711.4	2	735.3	21	−0.1	8.5	3.2	3.7	−6.9	16	16.3	24	94	57	78	77	40	28
April	719.1	709.4	14	726.7	26	5.7	12.6	7.8	8.5	−0.9	3	19.5	14	88	57	81	75	36	4.26
Mai	724.3	712.3	7	730.8	31	12.3	18.2	12.9	14.1	6.6	3	25.0	22	80	53	71	68	40	31
Juni	725.2	714.8	17	732.2	1	12.7	16.6	12.0	13.3	5.9	19	24.1	14	76	59	75	70	35	7
Juli	725.2	720.2	23	730.6	19	16.5	21.4	16.3	17.6	11.1	28	29.8	17	74	54	74	67	35	25
August	726.2	720.1	2	732.1	21	14.9	21.1	15.6	16.8	5.2	31	28.9	23	83	54	76	71	39	1.28
September	723.8	713.3	23	731.5	20	11.0	17.6	12.6	13.4	5.7	22	23.9	5	90	64	88	81	43	14
Oktober	724.9	715.5	5	733.3	29	5.4	10.2	6.5	7.1	−0.6	28	16.4	7	95	67	90	84	42	2
November	726.2	716.5	3	736.6	10	1.6	5.0	2.8	3.0	−4.0	25	12.1	4	91	77	88	85	44	13
Dezember	724.5	711.0	20	735.7	14	2.9	5.2	3.1	3.6	−4.2	27	12.4	30	89	78	90	86	53	18
Jahr	725.2	706.0	I	739.8	I	6.4	11.7	7.6	8.3	−19.2	I	29.8	VII	87	64	82	78	35	VI VII

Winterthur.

$\lambda = 8^\circ 44'$, $\beta = 47^\circ 30'$, $H_b = 445.3^m$, $G = 0.10$ m/m, $h_r = 1.6^m$

Januar	726.1	704.1	8	737.7	25	−3.2	1.6	−1.3	−1.1	−18.5	5	11.5	19	90	79	88	86	45	19
Februar	730.3	711.6	28	738.0	23	−1.6	3.6	0.3	0.6	−9.6	20	10.8	8	89	69	89	82	44	8
März	722.9	710.5	2	733.8	22	0.5	8.3	3.5	3.9	−6.4	16	16.1	24	90	59	85	78	30	28
April	718.1	708.6	14	725.4	26	5.9	11.8	8.1	8.5	1.4	19	18.8	14	86	64	85	79	40	3.26
Mai	723.4	711.4	7	729.7	31	12.2	18.1	13.2	14.2	6.9	3	24.3	23	79	56	82	72	34	31
Juni	724.3	713.7	17	730.9	1	12.2	16.4	12.6	13.5	7.9	18	23.2	14	79	61	84	75	36	7
Juli	724.3	719.4	23	729.4	19	15.5	20.6	16.4	17.2	11.1	28	29.5	17	79	60	84	74	38	1
August	725.3	719.2	2	730.9	21	14.7	20.5	15.6	16.6	7.5	31	28.5	23	82	59	87	76	40	1.28
September	722.9	712.6	23	730.5	20	11.2	17.0	12.5	13.3	5.5	22	23.0	5	91	70	94	85	48	4
Oktober	723.9	714.9	15	732.2	29	5.6	9.9	6.3	7.0	0.3	28	16.0	7	94	74	95	88	51	7
November	725.1	715.7	3	735.2	10	1.8	5.2	2.9	3.2	−5.6	17	12.8	7	92	79	90	87	49	13
Dezember	723.5	710.1	19	734.4	14	3.0	5.4	3.1	3.7	−3.1	26	11.7	14	90	80	91	87	53	18
Jahr	724.2	704.1	I	738.0	II	6.5	11.5	7.8	8.4	−18.5	I	29.5	VII	87	68	88	81	30	III

Haidenhaus.

$\lambda = 9^\circ 0'$, $\beta = 47^\circ 39'$, $H_b = 694.4^m$, $G = 0.07$ m/m, $h_r = 1.7^m$

Januar	704.1	684.0	9	715.8	25	−1.8	1.3	−0.8	−0.5	−14.0	4	11.6	22	87	78	85	83	30	22
Februar	708.3	689.5	28	714.9	23	−1.9	2.0	−0.6	−0.3	−10.4	16	8.6	9	86	75	85	82	47	8
März	701.3	689.2	2	712.4	21	1.1	6.6	3.2	3.5	−4.6	27	15.6	24	89	57	70	72	34	12.18
April	696.9	688.3	14	704.3	26	5.7	10.2	6.3	7.2	−1.2	19	17.6	13	88	63	82	77	30	3
Mai	702.4	690.8	7	708.4	31	11.7	16.6	11.9	13.0	5.6	28	24.6	23	72	49	67	63	22	3
Juni	703.3	694.0	17	710.5	1	11.5	15.1	10.7	12.0	5.6	18.23	25.4	9	75	59	73	69	23	9
Juli	703.5	698.6	23	708.9	19	15.3	19.1	15.1	16.2	9.2	28	28.0	17	74	59	74	69	38	1.29
August	704.5	698.6	2	710.6	21	14.4	19.0	14.4	15.5	7.0	30	27.8	22	78*	58*	75*	70*	40	16.17
September	702.0	690.7	23	709.9	20	11.5	15.4	11.5	12.5	4.6	30	22.0	5	89	75	91	85	54	14
Oktober	702.6	693.8	15	711.0	29	5.0	7.9	5.3	5.9	−0.8	30	16.0	23	94	83	96	91	58	3
November	703.5	694.8	3	713.3	9	1.2	3.5	1.5	1.9	−4.8	22	11.6	4	95	88	94	92	53	13
Dezember	702.3	691.2	31	713.0	14	2.0	3.7	2.0	2.4	−4.0	27	9.2	13.30	96	89	96	94	58	18
Jahr	702.9	684.0	I	715.8	I	6.3	10.0	6.7	7.4	−14.0	I	28.0	VII	85	69	84	79	22	V

Lohn.†)

$\lambda = 8^\circ 40'$, $\beta = 47^\circ 45'$, $H_b = 640^m$, $G = 0.08$ m/m, $h_r = 1.6^m$

Januar	708.8	689.1	8	720.8	25	−1.7	1.5	−0.4	−0.3	−12.2	5	10.3	22	93	85	89	89	51	22
Februar	712.9	694.0	28	720.9	23	−1.4	2.4	0.2	0.4	−9.0	16	10.0	8.24	91	79	86	85	50	26
März	706.3	694.1	2	717.0	22	2.8	7.9	4.3	4.8	−2.8	27	18.4	24	85	63	76	75	31	25
April	701.7	693.2	14	709.0	26	6.5	11.3	7.5	8.2	−0.6	19	20.0	14	92	68	84	82	37	4
Mai	707.2	695.9	7	713.5	31	12.1	17.9	13.3	14.2	6.4	1	24.6	23	81	55	72	69	39	29
Juni	708.1	697.7	17	714.9	1	12.1	15.9	11.8	12.9	7.0	23	22.7	14	82	61	76	73	39	7
Juli	708.3	703.8	23	713.5	19	15.5	20.0	16.3	17.0	10.2	28	29.2	17	80	62	74	72	41	25
August	709.2	703.4	2	715.0	21	14.8	20.2	15.8	16.7	7.8	31	29.0	23	85	60	76	74	32	27
September	706.7	696.6	23	713.9	20	11.2	16.2	12.6	13.1	5.4	30	22.1	5	93	71	86	83	45	10
Oktober	707.3	698.3	15	715.2	29	5.3	8.9	6.3	6.7	−0.4	30	16.8	23	95	79	92	89	54	7
November	708.4	699.5	3	718.6	10	1.1	3.9	1.9	2.2	−5.2	23	12.3	7	96	87	94	92	57	13
Dezember	706.5	692.8	20	717.8	14	2.0	3.7	2.5	2.7	−4.6	2	10.4	14	97	92	97	95	74	17.18 / 26
Jahr	707.6	689.1	I	720.9	II	6.7	10.8	7.7	8.2	−12.2	I	29.2	VII	89	72	83	81	31	III

*) **Frauenfeld.** Die Station wurde am 1. Mai transloziert (neue Höhe: 432.9 m); die Barometerangaben Januar bis April sind auf die jetzige Höhe reduziert worden. — †) **Lohn.** Translokation der Station am 10. Mai, Mittags (neue Höhe: 640 m).

Beobachter: Frl. **H. Hess. S. Dannacher.**

Frauenfeld.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{80}	13^{80}	21^{80}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	✳	▲	⌇	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.3	7.3	6.3	7.0	69	18	8	12	8	6	—	—	4	4	17	3	0	3	10	2	17	2	6	50	Januar
7.3	7.2	5.6	6.7	27	14	28	6	5	1	—	—	5	2	13	0	1	12	6	1	9	0	5	50	Februar
5.5	5.5	5.1	5.4	51	11	30	7	7	3	—	—	2	8	11	0	1	27	3	2	5	5	4	46	März
8.6	7.8	8.4	7.6	73	21	15	13	10	3	—	1	1	0	17	6	3	5	1	1	5	6	8	55	April
5.9	5.4	4.5	5.3	45	15	11	8	6	—	—	—	1	7	8	2	20	8	1	1	10	0	2	49	Mai
5.5	6.9	5.7	6.0	125	25	17	15	14	—	—	1	0	7	11	5	14	7	2	2	15	7	2	36	Juni
5.8	5.4	5.5	5.6	83	24	4	9	8	—	—	1	0	7	10	2	10	3	6	6	15	12	6	33	Juli
6.2	5.1	4.7	5.3	93	21	13	13	10	—	—	2	5	5	6	1	4	3	4	4	21	8	2	46	August
8.1	6.7	6.2	7.0	172	42	10	18	16	—	—	2	8	0	14	0	7	3	3	4	21	10	3	39	September
8.9	7.1	7.0	7.7	42	18	15	9	8	—	—	—	12	1	18	1	14	5	4	2	5	6	7	49	Oktober
8.8	7.8	7.1	7.9	26	8	27	9	7	1	—	—	11	3	20	1	16	10	6	3	9	2	1	42	November
9.7	8.5	7.6	8.6	100	20	18	18	14	4	—	—	7	0	22	0	5	3	1	1	36	10	0	37	Dezember
7.3	6.7	6.2	6.7	906	42	IX	137	113	18	—	7	56	44	167	21	95	89	47	29	168	68	46	532	Jahr

Beobachter: **Fr. Krebs.**

Winterthur.

7.7	5.7	6.7	6.7	79	19	8	11	9	7	—	—	8	4	14	1	2	0	1	1	20	5	2	61	Januar
6.5	6.2	6.2	6.3	31	18	28	6	6	1	—	—	9	5	9	2	7	2	1	0	20	5	1	46	Februar
5.1	4.0	4.7	4.6	56	18	30	9	7	4	—	—	6	10	5	9	14	1	0	1	11	11	2	44	März
7.9	6.5	7.1	7.2	66	21	15	12	11	3	—	2	1	3	18	2	14	0	0	0	11	12	7	44	April
5.2	4.4	4.2	4.6	46	14	14	8	7	—	—	2	2	9	5	8	18	0	0	1	10	8	6	42	Mai
4.8	5.8	5.1	5.2	153	36	17	13	12	—	—	2	2	7	8	5	15	2	2	1	18	5	13	29	Juni
4.6	4.2	5.5	4.8	95	17	4	10	9	—	—	1	0	8	7	2	6	0	0	0	15	16	4	50	Juli
4.6	4.0	4.7	4.4	86	20	2	12	11	—	—	3	2	9	4	0	5	0	0	1	19	20	4	44	August
6.7	5.7	6.0	6.1	199	50	10	18	16	—	—	1	3	4	11	1	0	0	0	2	23	7	5	52	September
8.3	6.3	7.0	7.2	43	25	15	7	6	—	—	—	11	2	15	5	11	0	0	1	7	6	2	61	Oktober
8.2	7.2	7.0	7.5	34	11	27	9	8	1	—	—	13	4	16	0	12	2	1	0	9	1	5	60	November
9.7	7.1	7.5	8.1	191	32	18	19	16	4	—	—	11	0	18	0	1	0	0	1	34	7	0	50	Dezember
6.6	5.6	6.0	6.1	1079	50	IX	134	118	20	—	11	68	65	130	35	105	7	5	9	197	103	51	583	Jahr

Beobachter: Frau **E. Herzoge.**

Haidenhaus.

6.2	5.2	6.4	5.9	67	23	8	12	7	9	—	—	3	7	12	0	1	0	0	0	13	6	0	73	Januar
6.8	5.7	5.6	6.0	24	13	28	7	3	3	—	—	8	4	10	2	1	0	0	0	2	5	0	74	Februar
5.0	4.5	3.8	4.4	41	10	30	7	7	3	—	—	2	11	6	0	0	2	0	0	6	0	0	85	März
7.6	6.2	7.1	7.0	88	20	30	15	14	3	—	2	3	2	15	0	1	0	0	0	0	0	0	89	April
5.0	4.7	3.4	4.4	38	12	12	8	5	—	—	1	1	10	6	0	5	0	1	0	1	0	0	86	Mai
5.2	5.7	5.6	5.5	105	20*	17	15	12	—	—	1	1	6	10	0	1	0	0	0	3	0	0	86	Juni
5.2	4.5	4.4	4.7	100	30	4	11	10	—	—	—	1	9	7	1	4	0	2	1	19	1	2	63	Juli
4.7	3.9	3.5	4.0	90	22	29	13	12	—	—	—	0	8	2	1	1	3	2	3	23	1	0	59	August
6.3	5.3	4.4	5.3	197	43	10	17	16	—	—	1	5	4	5	2	0	0	0	2	23	0	1	62	September
8.0	6.1	5.7	6.6	40	20	15	9	6	—	—	—	12	2	12	1	4	2	3	0	7	1	0	75	Oktober
8.5	6.4	5.7	6.9	34	10	2	10	8	3	—	—	11	4	15	4	21	0	1	0	10	0	0	54	November
8.4	6.7	6.5	7.2	110	22	23	18	16	7	—	—	3	4	16	0	7	5	1	0	32	0	0	48	Dezember
6.4	5.4	5.2	5.7	934	43	IX	142	116	28	—	5	50	71	116	11	46	12	10	6	139	14	3	854	Jahr

Beobachter: Frl. **H. Brühlmann. J. Wäckerlin.**

Lohn.

5.8	6.0	5.7	5.8	77	15	15	12	12	5	—	—	3	8	12	1	9	0	1	1	16	31	1	33	Januar
6.3	6.8	5.3	6.1	34	11	28	6	6	3	—	—	6	4	11	0	19	1	1	1	16	11	0	35	Februar
5.3	5.3	4.2	4.9	35	11	29	7	7	3	—	—	0	10	8	10	34	2	0	1	11	9	2	24	März
8.3	8.2	7.0	7.8	82	24	14	16	13	3	1	3	5	3	18	6	22	3	1	9	13	10	1	25	April
5.0	5.6	4.5	5.0	45	11	11. 14	8	6	—	—	2	2	9	7	7	25	12	5	2	10	11	3	18	Mai
6.3	6.9	4.9	6.0	104	17	15	15	13	—	—	3	1	3	9	12	10	11	0	1	7	21	6	22	Juni
5.2	4.9	4.5	4.9	64	14	4	13	11	—	—	1	1	7	8	4	0	5	1	1	11	25	4	42	Juli
4.5	4.8	3.2	4.2	54	23	2	9	7	—	—	1	1	10	2	1	0	8	0	3	21	20	5	35	August
6.3	6.4	5.0	5.9	160	35	10	17	16	—	—	—	4	3	8	3	0	1	0	4	29	12	2	39	September
7.4	6.6	6.2	6.7	39	23	15	7	5	—	—	—	6	4	15	4	11	2	0	1	8	8	2	57	Oktober
8.4	7.4	6.1	7.3	29	6	8. 27	10	7	3	—	—	12	5	17	2	16	7	0	1	6	5	0	53	November
8.9	8.2	7.2	8.1	130	30	23	18	15	4	—	—	11	1	19	0	0	1	0	0	13	39	5	35	Dezember
6.5	6.4	5.3	6.1	853	35	IX	138	118	21	1	10	52	67	134	50	146	53	9	25	161	202	31	418	Jahr

Unter-Hallau.

$\lambda = 8°27'$, $\beta = 47°42'$, $H_b = 449.5^m$, $G = 0.10$ m/m, $h_r = 1.3^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	725.7	703.9	8	737.5	25	-3.7	0.8	-1.5	-1.5	-18.6	5	10.2	16	90	81	87	86	51	22
Februar	730.0	710.8	28	737.6	23	-2.4	3.2	0.1	0.3	-10.6	19	10.5	8	89	70	85	81	32	26
März	722.6	710.3	2	733.7	21	1.0	8.5	4.5	4.6	-6.6	16	17.2	24	87	56	73	72	38	12.28
April	717.9	708.4	14	725.2	26	5.9	11.8	8.1	8.5	0.5	21	19.8	14	90	61	80	77	32	26
Mai	723.1	711.1	7	729.4	31	11.8	19.1	14.2	14.8	7.8	1	25.3	23	82	48	69	66	32	29
Juni	724.0	713.8	17	730.8	1	11.7	17.3	13.1	13.8	7.5	19.24	24.0	14	79	55	73	69	37	9.24
Juli	724.0	719.5	20.23	729.5	28	14.6	21.1	16.8	17.3	10.3	6	29.8	17	81	53	76	70	36	25
August	724.9	719.0	2	730.8	21	13.3	21.3	15.8	16.5	3.7	31	29.5	23	80	50	77	72	30	27
September	722.5	712.1	23	730.3	20	10.3	16.7	12.4	13.0	4.7	22	22.6	16	93	63	87	81	35	10
Oktober	723.5	714.4	15	731.8	29	5.1	10.3	6.5	7.1	-0.6	30	16.4	23	95	68	89	84	47	27
November	724.8	715.4	3	735.0	10	1.9	5.2	2.9	3.2	-3.6	23	12.0	7	90	77	87	85	47	13
Dezember	723.0	709.3	19	734.2	14	2.3	4.7	2.9	3.2	-5.4	2	12.6	14	94	85	94	91	62	25
Jahr	723.8	703.9	I	737.6	II	6.0	11.7	8.0	8.4	-18.6	I	29.8	VII	88	64	81	78	30	VIII

Bachtel.

$\lambda = 8°52'$, $\beta = 47°17'$, $H_b = 1120^m$, $G = -$ m/m, $h_r = 1.5^m$

Januar	—	—	—	—	—	-0.8	1.4	-0.3	0.0	-13.4	4	10.0	22	—	—	—	—	—	—
Februar	—	—	—	—	—	-1.6	1.8	-0.6	-0.3	-14.2	16	9.1	8	—	—	—	—	—	—
März	—	—	—	—	—	-0.1	4.0	1.7	1.8	-7.0	27	10.0	18	—	—	—	—	—	—
April	—	—	—	—	—	3.3	7.1	4.0	4.6	-3.5	20	16.0	13	—	—	—	—	—	—
Mai	—	—	—	—	—	9.5	13.5	10.5	11.0	2.3	1	20.0	22	—	—	—	—	—	—
Juni	—	—	—	—	—	8.4	11.6	9.0	9.5	2.2	18	19.2	9.13	—	—	—	—	—	—
Juli	—	—	—	—	—	12.2	15.9	13.2	13.6	6.0	28	29.0	17	—	—	—	—	—	—
August	—	—	—	—	—	11.6	15.4	13.0	13.3	2.1	30	24.4	22.23	—	—	—	—	—	—
September	—	—	—	—	—	9.9	12.9	10.8	11.1	4.0	21	19.1	16	—	—	—	—	—	—
Oktober	—	—	—	—	—	3.2	5.9	4.0	4.3	-1.5	30	16.2	23	—	—	—	—	—	—
November	—	—	—	—	—	1.2	3.4	1.2	1.7	-6.0	20.21	15.0	6	—	—	—	—	—	—
Dezember	—	—	—	—	—	0.3	1.8	1.2	1.1	-9.0	27	9.3	6	—	—	—	—	—	—
Jahr	—	—	—	—	—	4.8	7.9	5.6	6.0	-14.2	II	29.0	VII	—	—	—	—	—	—

Glarus.

$\lambda = 9°4'$, $\beta = 47°3'$, $H_b = 479.6^m$, $G = 0.06$ m/m, $h_r = 1.6^m$

Januar	723.2	699.7	8	734.7	25	-3.6	1.3	-2.0	-1.6	-17.1	5	14.9	22	85	77	80	81	26	21.22
Februar	727.1	708.0	28	735.5	23	-3.4	3.8	-1.3	-0.5	-9.5	17.20	9.7	8	84	68	76	76	45	7.21
März	719.6	707.1	2	730.8	21	0.5	9.3	3.5	4.2	-4.3	27	15.7	24	82	55	62	66	31	15
April	714.9	705.6	14	722.7	26	5.6	12.4	8.0	8.5	-0.7	22	21.1	13	88	58	69	71	24	29
Mai	720.1	708.2	7	726.3	1	10.1	18.5	12.8	13.5	5.1	3	24.5	23	88	49	66	68	27	31
Juni	721.1	710.2	17	728.4	8	10.3	16.6	11.9	12.6	3.7	18	23.3	9	88	57	72	72	26	8
Juli	721.2	716.3	9	726.5	19	14.2	20.8	15.6	16.5	9.1	30	30.1	17	90	50	78	73	28	17
August	722.4	716.2	6	728.1	21	12.6	20.3	14.7	15.6	5.5	31	28.1	22	94	52	85	77	35	17.22
September	720.2	708.9	23	726.8	14	10.9	17.2	12.0	13.0	5.3	14	24.5	18	99	63	90	84	32	18
Oktober	720.6	712.1	15	729.0	29	5.2	10.1	6.2	7.0	-2.1	30	18.1	23	94	72	88	85	29	23
November	721.8	711.7	3	731.7	10	0.5	5.6	2.4	2.7	-6.5	25	17.9	6	89	73	84	82	40	6.7
Dezember	720.7	707.4	19	731.9	14	0.4	4.0	1.2	1.7	-9.5	27	10.7	14	93	83	90	88	66	3.5.28
Jahr	721.1	699.7	I	735.3	II	5.3	11.7	7.1	7.8	-17.1	I	30.1	VII	89	63	78	77	24	IV

Elm.

$\lambda = 9°10'$, $\beta = 46°55'$, $H_b = 959^m$, $G = -0.01$ m/m, $h_r = 1.6^m$

Januar	—	—	—	—	—	-2.4	0.5	-2.3	-1.6	-16.6	4	11.3	18	71	62	72	68	33	20
Februar	—	—	—	—	—	-4.0	2.4	-2.5	-1.7	-15.2	16	7.9	6	74	52	73	66	27	21
März	—	—	—	—	—	-0.4	6.7	1.7	2.4	-7.8	27	13.0	19	74	47	70	64	21	19
April	—	—	—	—	—	5.2	9.7	5.9	6.7	-2.8	22	15.2	13	71	54	73	66	20	9
Mai	—	—	—	—	—	10.2	15.9	10.4	11.7	5.1	1	21.9	22	71	47	73	64	18	3
Juni	—	—	—	—	—	9.5	13.8	9.1	10.4	1.6	18	20.8	14	78	56	86	73	23	7
Juli	—	—	—	—	—	13.6	18.2	13.8	14.9	6.7	28	31.8	17	74	55	83	71	18	17
August	—	—	—	—	—	11.5	17.6	12.4	13.5	2.4	31	25.6	23	83	58	88	76	29	31
September	—	—	—	—	—	9.8	14.9	10.5	11.4	3.6	14	22.7	17	86	63	89	79	28	16.22
Oktober	—	—	—	—	—	3.9	8.3	4.8	5.4	-2.4	30.31	17.5	23	90	66	88	81	24	21
November	—	—	—	—	—	0.5	4.0	1.4	1.8	-7.1	21	18.1	5	78	65	77	73	27	5.6
Dezember	—	—	—	—	—	-0.3	1.4	0.1	0.3	-10.5	27	6.9	6.9	83	75	81	80	49	6
Jahr	—	—	—	—	—	4.8	9.5	5.4	6.3	-16.6	I	31.8	VII	78	58	79	72	18	V.VII

Beobachter: **Hs. Huber.**

Unter-Hallau.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●≥1.0	✳	▲	⌇	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.9	6.5	7.2	7.2	74	13	15	12	11	5	—	—	8	3	16	8	3	0	1	1	19	4	0	57	Januar
7.3	6.6	5.1	6.3	24	15	28	6	4	2	—	—	9	4	11	8	12	2	2	2	16	2	0	40	Februar
5.5	4.8	3.7	4.7	42	10	29	7	7	3	—	—	2	11	8	14	14	2	6	2	15	2	1	37	März
8.1	7.4	6.5	7.3	57	14	18	14	11	3	—	1	3	1	16	20	2	4	2	4	15	5	2	36	April
5.2	5.1	4.0	4.8	35	15	11	7	6	—	—	2	1	8	5	4	19	3	9	3	10	8	0	37	Mai
5.9	6.3	4.8	5.7	97	34	15	11	8	—	—	3	2	7	10	19	8	2	3	3	19	6	2	28	Juni
5.4	4.7	5.5	5.2	52	14	10	11	9	—	—	2	1	8	9	3	4	1	3	5	21	4	2	50	Juli
4.7	4.7	4.0	4.5	51	19	2	10	9	—	—	1	2	10	4	1	3	1	3	3	22	7	3	50	August
7.4	6.5	5.6	6.5	152	28	11	17	15	—	—	—	5	2	10	5	2	0	1	5	27	2	1	47	September
7.8	6.6	6.8	7.1	37	23	15	6	3	—	—	—	7	2	14	8	9	1	2	2	10	3	2	56	Oktober
8.5	8.0	6.9	7.8	22	6	27	9	6	3	—	—	12	5	21	15	17	1	1	1	4	1	0	50	November
9.2	8.1	8.3	8.5	130	23	23	18	15	4	—	—	10	1	23	1	1	2	1	0	38	3	0	47	Dezember
6.9	6.3	5.7	6.3	773	34	VI	128	104	20	—	9	62	62	147	106	94	19	34	31	216	47	13	535	Jahr

Beobachter: **J. A. Hohl.**

Bachtel.

4.2	3.7	3.4	3.8	106	34	8	12	10	9	—	—	0	15	7	0	8	2	27	1	33	1	2	19	Januar
3.8	4.1	3.0	3.6	46	16	13	8	6	7	—	—	2	13	5	0	12	2	9	2	41	2	1	15	Februar
4.2	4.3	3.9	4.1	43	15	29	11	8	9	—	—	2	10	5	0	25	1	24	0	18	4	1	20	März
7.2	5.8	4.8	5.9	95	35	15	15	11	4	—	2	5	4	7	0	18	2	20	1	27	3	5	14	April
4.0	5.2	3.9	4.4	59	17	14	9	8	1	—	3	1	10	5	1	21	3	16	1	32	1	3	15	Mai
5.5	6.1	5.4	5.7	222	47	17	16	15	—	—	5	3	4	9	0	21	6	13	0	29	2	6	13	Juni
4.8	4.5	4.5	4.6	151	29	28	11	10	—	—	3	0	8	6	0	14	3	11	1	27	2	5	30	Juli
4.8	4.5	4.0	4.4	139	26	2	14	13	—	—	3	0	10	5	0	7	4	13	0	51	4	2	12	August
5.7	5.5	4.5	5.2	219	49	23	17	16	—	—	1	2	5	6	0	6	1	15	2	46	4	4	12	September
7.0	6.4	5.8	6.4	75	23	15	15	12	2	—	—	5	4	12	0	17	2	17	3	28	6	3	17	Oktober
4.7	5.1	4.6	4.8	57	27	27	8	6	6	—	—	5	6	6	0	20	2	25	2	13	0	2	26	November
7.0	6.3	5.6	6.3	279	40	23	19	19	11	—	—	6	6	11	5	10	1	20	0	36	11	4	6	Dezember
5.2	5.1	4.5	4.9	1491	49	IX	155	134	49	—	17	31	95	84	6	179	29	210	13	381	40	38	199	Jahr

Beobachter: **J. Gehring.**

Glarus.

4.6	5.1	5.2	5.0	72	14	16	10	10	7	—	—	1	9	9	4	0	0	1	10	0	0	5	73	Januar
5.1	4.1	3.4	4.2	38	18	22	7	4	2	—	—	2	9	6	2	0	0	0	0	0	1	18	63	Februar
5.5	6.0	4.7	5.4	40	9	1	8	7	3	—	—	0	9	11	4	0	0	0	5	0	1	24	59	März
7.2	7.5	7.0	7.2	90	43	15	13	10	—	—	—	0	3	17	6	0	0	2	6	0	0	23	53	April
5.2	6.1	5.1	5.5	37	7	14	13	9	—	—	2	0	6	9	9	0	1	2	4	1	0	22	54	Mai
6.3	6.7	6.4	6.5	262	76	17	19	19	—	1	3	0	4	14	9	0	1	6	0	1	1	14	58	Juni
5.4	5.5	6.7	5.9	124	27	3	12	11	—	—	3	0	6	11	9	0	0	0	1	0	4	19	60	Juli
5.0	5.9	5.4	5.4	170	34	6	15	14	—	—	3	0	10	11	8	0	0	2	1	1	2	19	60	August
6.7	6.5	4.5	5.9	163	53	23	16	14	—	—	1	0	5	9	5	1	0	0	0	1	9	15	59	September
7.7	6.3	6.6	6.9	51	15	15	11	8	—	—	—	0	3	13	2	0	0	0	2	0	6	22	61	Oktober
6.6	5.7	5.8	6.0	51	26	27	4	3	3	—	—	0	3	10	2	0	0	0	1	0	0	14	73	November
7.0	7.2	6.9	7.0	337	70	13	19	16	4	—	—	0	2	15	3	0	0	0	3	0	1	11	75	Dezember
6.0	6.1	5.6	5.9	1435	76	VI	147	125	19	1	12	3	69	135	63	1	2	13	33	4	25	206	748	Jahr

Beobachter: **W. Zentner.**

Elm.

3.6	3.7	2.4	3.2	65	13	8	9	9	6	—	—	0	17	5	2	1	0	5	5	3	0	0	77	Januar
3.8	3.3	3.0	3.4	43	19	22	7	7	6	—	—	1	14	5	0	0	0	0	0	0	0	0	84	Februar
4.3	4.5	4.6	4.5	41	17	1	8	7	6	—	—	4	12	6	2	0	0	0	3	1	0	3	*) 53	März
6.9	7.5	6.9	7.1	100	35	19	14	11	4	—	—	7	3	17	6	0	0	3	15	2	0	6	58	April
5.1	5.7	5.7	5.5	42	13	18	10	9	—	—	3	5	10	12	6	0	0	1	8	0	0	3	75	Mai
5.9	6.2	6.4	6.2	234	39	21	17	17	2	—	1	9	7	13	9	0	0	0	0	1	0	3	77	Juni
4.6	4.5	6.3	5.1	94	26	28	13	11	—	—	2	4	12	11	14	0	0	0	2	0	0	1	76	Juli
4.9	5.5	5.7	5.4	161	27	24	15	13	—	—	3	3	6	9	8	0	0	0	0	0	0	0	85	August
6.0	6.1	6.2	6.1	142	47	23	16	15	—	—	2	9	6	12	10	0	0	1	2	0	0	1	76	September
6.7	6.5	6.5	6.6	60	16	15	8	8	2	—	—	10	7	18	9	0	0	1	1	1	0	0	81	Oktober
4.8	4.8	4.7	4.8	53	19	28	4	4	4	—	—	6	10	7	2	0	0	1	8	0	0	0	79	November
7.0	5.3	5.7	6.0	240	57	22	15	15	10	—	—	3	6	14	5	0	0	0	0	0	0	0	88	Dezember
5.3	5.3	5.3	5.3	1275	57	XII	136	126	40	—	11	61	110	129	73	1	0	12	44	8	0	17	909	Jahr

*) Im März fehlen 31 Windbeobachtungen.

Göschenen.

$\lambda = 8^\circ 35'$, $\beta = 46^\circ 40'$. $H_b = 1107.2^m$, $G = -0.05$ m/m, $h_r = 2.7^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	669.9	650.0	8	680.5	25	−0.3	1.9	0.2	0.5	−13.6	4	9.4	28	—	—	—	—	—	—
Februar	672.8	656.9	28	681.0	23	−1.5	2.9	0.0	0.4	−11.6	16	8.0	24	—	—	—	—	—	—
März	666.7	654.3	2	676.7	21	−0.2	5.0	1.2	1.8	−7.0	27	11.6	24	—	—	—	—	—	—
April	663.2	654.4	10	670.8	25	4.1	7.5	4.5	5.1	−3.0	22	12.6	15. 29	—	—	—	—	—	—
Mai	668.6	659.2	7	674.1	23	8.8	13.9	10.0	10.7	3.0	14	21.2	22	—	—	—	—	—	—
Juni	669.1	660.0	17	675.9	8	8.3	12.7	9.1	9.8	1.0	18	19.8	9	—	—	—	—	—	—
Juli	670.0	665.9	1	674.9	19	12.6	17.0	13.5	14.2	6.2	28	28.6	17	—	—	—		—	—
August	671.0	665.0	6	677.5	21	11.8	16.7	13.0	13.6	2.8	30	26.8	22	—	—	—	—	—	—
September	668.6	658.0	23	673.8	13. 15	11.0	14.4	12.0	12.3	2.4	24	22.0	16. 18	—	—	—	—	—	—
Oktober	667.9	660.3	16	674.4	29	4.5	7.1	5.3	5.5	−2.0	30	13.6	23	—	—	—	—	—	—
November	668.7	661.5	27	677.9	10	2.3	3.6	2.8	2.9	−5.4	21	13.0	5. 6	—	—	—	—	—	—
Dezember	667.6	655.1	20	678.5	14	0.3	1.9	0.8	1.0	−9.0	27	7.6	15	—	—	—	—	—	—
Jahr	668.7	650.0	I	681.0	II	5.2	8.7	6.0	6.5	−13.6	I	28.6	VII	—	—	—	—	—	—

Engelberg.

Abendbeobachtung: 8^{30} $\lambda = 8^\circ 25'$, $\beta = 46^\circ 49'$, $H_b = 1017.8^m$, $G = -0.02$ m/m, $h_r = 1.6^m$

Januar	676.5	654.7	8	687.9	25	−2.8	1.2	−2.2	−1.4	−16.5	4	10.7	22	77	64	75	72	33	22
Februar	680.4	663.3	28	688.8	23	−3.9	2.2	−2.4	−1.6	−13.9	17	7.9	8	79	57	79	72	33	6
März	673.6	660.8	2	684.3	21	−2.2	4.8	0.2	0.7	−11.1	27	10.7	19	84	57	79	73	26	19
April	669.7	661.8	14	676.7	25	3.0	8.2	5.0	5.1	−4.9	22	14.7	14	86	65	80	77	33	26
Mai	675.4	664.7	7	681.0	23	7.6	14.5	10.5	10.5	2.6	2	21.9	23	87	57	75	73	28	3
Juni	676.4	666.0	17	683.1	8	7.8	13.3	10.0	9.9	2.3	6	19.5	14	91	63	78	77	35	8. 19
Juli	677.1	672.5	27	682.0	19	11.2	17.1	14.1	13.7	5.9	29	28.9	17	89	62	82	78	40	17
August	678.1	672.3	2	684.2	21	10.3	17.1	12.9	13.0	3.1	31	25.0	22	90	60	87	79	40	8
September	675.5	665.2	23	681.4	20	8.7	14.6	10.3	10.9	3.9	14	20.9	17	89	66	90	82	39	13
Oktober	675.0*	—	—	682.3	6	3.2	7.2	4.2	4.7	−2.4	30	17.7	23	91	76	92	86	32	23
November	675.6	667.6	3	685.5	10	0.2	3.7	0.9	1.4	−6.3	24	17.9	6	86	75	85	82	26	6
Dezember	674.8	663.2	20	685.9	14	−0.4	2.3	−0.1	0.5	−10.9	27	6.7	14	86	75	87	82	40	5
Jahr	675.7	654.7	I	688.8	II	3.5	8.9	5.3	5.6	−16.5	I	28.9	VII	86	65	82	78	26	III XI

Oberiberg.

$\lambda = 8^\circ 47'$, $\beta = 47^\circ 2'$, $H_b = 1090^m$, $G = -0.03$ m/m, $h_r = 1.7^m$

Januar	670.6	650.0	9	682.3	26	−3.6	2.6	−2.5	−1.5	−18.7	4	10.6	22	82	67	78	76	43	21
Februar	674.4	658.0	28	682.9	23	−4.8	4.0	−2.9	−1.7	−20.1	16	9.7	8	87	60	88	78	42	8
März	667.8	654.9	2	678.1	21	−2.7	7.3	0.1	1.2	−12.5	27	12.5	24	95	61	90	82	40	19
April	664.0	656.4	10	670.7	25. 26	2.3	9.5	3.9	4.9	−3.6	22	16.0	14	85	59	82	75	38	4. 9. 13
Mai	669.9	659.5	7	675.5	31	8.3	15.7	9.4	10.7	1.8	28	24.1	17	79	57	78	71	39	3
Juni	670.6	660.7	17	677.6	8	8.1	13.6	8.5	9.7	2.2	5	22.5	9	82	62	82	75	40	7. 8
Juli	671.5	667.4	27	676.2	19	11.6	17.9	12.7	13.7	5.3	28	29.6	17	83	60	81	75	28	17
August	672.5	666.8	6	678.3	21	10.1	18.1	12.0	13.0	0.3	31	27.4	22	86	62	84	77	47	31
September	669.9	659.8	23	675.3	20	8.2	16.0	9.6	10.8	2.0	14	22.6	17	86	63	87	79	39	22
Oktober	669.3	661.6	15. 16	676.3	6	2.3	8.9	3.8	4.7	−4.8	30	18.6	23	92	68	90	83	42	28
November	669.8	661.9	3	679.8	10	−0.6	5.6	0.6	1.5	−9.0	21	18.8	6	86	68	84	79	35	6
Dezember	668.8	656.7	19. 20	679.8	14	−0.9	3.2	−0.2	0.6	−14.3	27	9.5	5	88	76	87	83	48	5
Jahr	669.9	650.0	I	682.9	II	3.2	10.2	4.6	5.6	−20.1	II	29.6	VII	86	64	84	78	28	VII

Einsiedeln.

$\lambda = 8^\circ 45'$, $\beta = 47^\circ 8'$, $H_b = 913.9^m$, $G = 0.01$ m/m, $h_r = 1.5^m$

Januar	685.1	663.7	8	696.9	25	−4.0	1.4	−2.0	−1.7	−17.6	4	9.8	22	87	69	83	80	22	22
Februar	689.0	671.8	28	697.4	23	−3.7	3.3	−1.0	−0.6	−12.4	17	8.6	8	85	62	80	76	30	8
März	682.4	669.3	2	692.7	21	−0.9	6.0	1.8	2.2	−8.4	27	12.0	25	88	61	79	76	25	19
April	678.3	670.1	14	685.4	26	3.8	9.1	5.7	6.1	−2.8	22	17.5	14	91	66	83	80	25	14
Mai	684.1	672.8	7	689.5	23. 31	9.2	15.2	10.8	11.5	4.6	2	20.8	22	87	56	75	73	35	7
Juni	684.7	674.4	14	691.2	8	9.4	13.9	10.6	11.1	5.0	6	20.2	14	89	59	75	74	35	7
Juli	685.4	681.1	27	690.5	19	13.1	17.9	14.6	15.1	7.6	28	30.0	17	85	59	78	74	25	17
August	686.4	680.5	3	692.1	21. 22	11.7	17.9	13.4	14.1	3.6	30	25.0	23	89	60	86	78	42	18
September	683.9	673.6	23	689.9	20	9.5	14.9	10.8	11.5	4.6	14	20.4	18	91	68	89	83	45	4. 15
Oktober	683.6	675.8	15	690.6	29	3.5	8.1	4.7	5.3	−3.8	31	16.5	23	93	74	92	87	44	2
November	684.2	675.7	3	694.1	10	0.1	4.9	2.0	2.2	−7.2	23	15.0	6	92	76	88	85	37	25
Dezember	683.1	670.4	19	694.0	14	0.7	3.7	1.5	1.8	−12.5	27	10.0	14	92	80	90	87	60	3. 19
Jahr	684.2	663.7	I	697.4	II	4.4	9.7	6.1	6.6	−17.6	I	30.0	VII	89	66	83	79	22	I

Beobachter: **Fr. Aeberhardt.** **Göschenen.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● *	●* ≧10	*	▲	⚡	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
3.9	4.3	3.7	4.0	97	32	8	8	8	7	—	—	2	15	8	15	0	0	0	72	0	0	0	6	Januar
3.0	3.5	3.4	3.3	52	15	22	7	7	6	—	—	5	16	6	19	0	0	0	54	0	0	0	11	Februar
5.1	5.0	5.0	5.0	113	51	2	9	6	7	—	—	4	9	8	23	0	0	0	60	0	0	0	10	März
7.8	7.7	7.5	7.7	101	18	19	16	13	4	—	—	5	1	18	32	0	0	0	50	0	0	0	8	April
5.5	6.1	6.4	6.0	56	23	14	12	9	—	—	—	2	3	11	45	0	0	0	39	0	0	0	9	Mai
6.1	6.6	7.9	6.9	309	96	17	17	15	2	—	—	8	2	12	58	0	0	0	20	0	0	0	12	Juni
5.0	5.7	6.4	5.7	46	12	10	13	10	—	—	—	4	6	10	46	0	0	0	31	0	0	0	16	Juli
5.6	5.0	5.2	5.3	114	35	2	12	11	1	—	1	3	7	9	45	0	0	0	29	0	0	0	19	August
6.1	6.1	5.5	5.9	185	67	23	15	14	1	—	1	9	5	9	32	0	0	0	44	0	0	0	14	September
7.8	6.8	6.3	7.0	131	25	15	13	11	4	—	—	10	4	16	40	0	0	0	32	0	0	0	21	Oktober
5.1	5.8	5.6	5.5	46	18	29	9	6	5	—	—	4	7	8	30	0	0	0	45	0	0	0	15	November
6.4	6.7	4.8	6.0	294	57	22	15	15	11	—	—	6	7	13	16	0	0	0	56	0	0	0	21	Dezember
5.6	5.8	5.6	5.7	1544	96	VI	146	125	48	—	2	62	82	128	401	0	0	0	532	0	0	0	162	Jahr

Beobachter: P. **N. Kaeser.** **Engelberg.**

4.0	4.8	4.1	4.3	78	29	8	9	9	5	—	—	3	13	9	0	6	1	6	0	6	2	3	69	Januar
4.6	4.4	4.0	4.3	53	16	22	8	7	7	—	—	6	12	8	0	5	0	1	0	13	2	1	62	Februar
5.6	5.1	4.3	5.0	113	59	2	9	9	6	—	1	4	9	10	0	3	1	8	0	18	4	2	57	März
7.9	8.2	8.2	8.1	102	20	30	17	16	5	—	—	5	1	21	0	0	3	14	0	28	0	0	45	April
4.8	6.4	7.6	6.3	72	17	14	12	10	—	—	2	2	4	10	0	2	0	7	0	12	4	6	62	Mai
6.1	7.4	8.3	7.3	320	89	17	19	18	—	—	3	3	1	13	0	2	0	4	0	26	0	6	52	Juni
4.8	6.3	7.7	6.3	103	24	18	14	14	—	—	2	1	0	11	0	1	0	4	0	30	5	1	52	Juli
5.3	5.2	5.7	5.4	195	51	6	16	14	—	1	2	0	9	8	0	6	0	5	0	32	3	1	46	August
6.5	5.9	5.2	5.9	210	52	23	18	17	—	—	1	5	4	8	0	3	0	4	0	24	5	2	52	September
7.4	6.5	6.5	6.8	101	20	8	16	13	3	—	—	9	2	14	0	2	0	4	1	20	5	0	61	Oktober
7.7	6.7	6.8	7.1	62	22	27	7	7	5	—	—	5	3	14	0	5	0	8	0	19	0	0	58	November
6.9	6.7	5.7	6.4	286	61	13	16	16	9	—	—	0	7	14	0	18	2	6	0	2	1	1	63	Dezember
6.0	6.1	6.2	6.1	1695	89	VI	161	150	40	1	11	43	65	140	0	53	7	71	1	230	31	23	679	Jahr

Beobachter: **X. Holdener.** **Oberiberg.**

4.2	4.6	4.1	4.3	102	34	8	10	10	6	—	—	0	14	10	0	0	0	0	5	7	0	1	80	Januar
4.5	4.2	4.0	4.2	54	17	22	7	7	6	—	—	0	12	8	0	0	0	0	1	5	1	0	77	Februar
4.8	4.8	4.9	4.8	67	23	1	11	9	9	—	—	1	10	7	0	2	0	1	1	3	2	0	84	März
7.3	7.9	7.4	7.5	106	48	15	14	13	5	—	—	6	2	16	0	0	1	0	2	2	4	0	81	April
5.1	6.5	6.1	5.9	113	20	20	14	13	—	—	5	1	4	9	1	1	3	1	1	6	1	0	79	Mai
6.4	7.0	6.7	6.7	322	70	17	20	20	1	—	1	4	1	12	1	2	0	1	1	2	6	0	77	Juni
5.6	6.4	6.2	6.1	149	40	28	13	11	—	—	1	0	5	11	0	1	1	0	0	3	7	0	81	Juli
5.3	5.7	5.3	5.4	191	37	6	16	16	2	—	3	0	7	10	0	1	0	0	0	1	5	0	86	August
6.6	6.3	5.5	6.1	248	51	23	19	17	—	—	2	3	5	11	0	1	1	0	2	5	2	1	78	September
6.9	6.1	7.5	6.8	96	25	25	13	12	6	—	—	2	4	15	1	0	0	0	1	0	2	0	89	Oktober
6.1	5.3	6.5	6.0	63	31	27	7	5	5	—	—	7	5	9	0	0	0	0	2	2	4	0	82	November
6.9	7.1	6.5	6.8	437	75	22	17	17	12	—	—	0	7	18	0	0	0	0	2	9	6	1	75	Dezember
5.8	6.0	5.9	5.9	1948	75	XII	161	150	52	—	12	24	76	136	3	8	6	3	18	45	40	3	969	Jahr

Beobachter: P. **M. Egger.** **Einsiedeln.**

4.5	4.9	5.4	4.9	100	28	8	11	11	7	—	—	1	12	11	0	0	0	0	1	10	2	7	73	Januar
4.3	4.2	4.1	4.2	53	14	22	7	7	6	—	—	2	12	9	5	4	0	0	0	4	0	2	69	Februar
4.8	5.2	5.0	5.0	52	10	29	9	9	6	—	—	3	9	9	7	3	0	0	1	6	1	8	67	März
7.4	8.0	7.9	7.8	108	36	15	15	14	4	—	2	4	2	19	6	1	0	1	0	7	3	6	66	April
5.1	6.9	5.7	5.9	66	19	14	9	7	—	—	2	1	4	12	13	6	1	1	1	4	4	6	57	Mai
6.2	7.2	6.2	6.5	246	54	21	16	16	—	—	4	5	3	12	11	3	0	1	0	8	5	6	56	Juni
5.3	6.3	6.3	6.0	126	28	28	13	10	—	—	2	2	6	13	13	2	0	0	2	7	4	9	56	Juli
5.3	6.1	5.2	5.5	174	35	29	15	13	—	—	7	0	7	11	11	1	0	2	0	6	3	5	65	August
6.7	6.2	5.3	6.1	244	48	23	18	18	—	—	2	3	5	10	4	3	0	1	0	7	4	7	64	September
8.2	6.8	7.3	7.4	76	18	15	11	11	—	—	—	5	4	17	3	1	0	0	0	2	0	1	86	Oktober
7.0	7.0	7.0	7.0	49	22	27	5	5	3	—	—	6	3	14	2	1	1	2	0	4	1	2	77	November
6.6	7.6	5.8	6.7	329	57	23	19	17	10	—	—	2	4	14	0	0	0	0	0	14	3	6	70	Dezember
6.0	6.4	5.9	6.1	1623	57	XII	148	138	36	—	19	34	71	151	75	25	2	8	5	79	30	65	806	Jahr

Sarnen.

$\lambda = 8°15'$, $\beta = 46°54'$, $H_b = 486.7^m$, $G = 0.05$ m/m, $h_r = 1.7^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	722.5	699.7	8	734.2	25	−2.9	1.3	−1.6	−1.2	−13.6	4	9.2	16	90	77	86	84	47	9
Februar	726.6	707.6	28	734.6	23	−2.8	3.1	−0.4	−0.1	−8.8	17	9.1	8	91	73	85	83	33	8
März	719.1	706.4	2	730.1	21	0.3	8.2	3.2	3.7	−3.3	7	14.4	25	88	58	78	75	30	19
April	714.4	704.5	14	721.9	25	6.1	12.0	7.8	8.4	1.8	21	19.0	14	85	60	78	74	32	26
Mai	719.6	707.1	7	726.1	1	12.8	18.0	13.3	14.4	7.0	2	24.1	22	77	57	71	68	28	6
Juni	720.7	709.8	17	727.5	8	13.1	16.9	12.8	13.9	7.1	5	22.7	14	76	57	75	69	29	8
Juli	720.8	716.2	9. 27	726.0	19	17.3	20.9	16.6	17.9	11.2	28	29.4	17	77	62	79	72	43	17
August	721.9	715.2	2	727.6	20. 21/22	15.0	21.1	15.7	16.9	7.8	30	28.0	22	86	56	85	76	42	17. 31
September	719.4	708.6	23	726.9	20	11.5	17.4	12.6	13.5	7.8	22. 24	22.8	5	90	67	90	82	43	13
Oktober	720.0	711.6	16	728.0	29	5.9	10.0	7.3	7.6	0.8	28	15.8	7	94	72	90	85	31	23
November	721.2	711.5	3	731.2	10	2.5	5.8	3.5	3.8	−4.2	24	14.2	7	92	75	88	85	49	25
Dezember	720.2	705.9	19	731.0	14	2.0	4.8	2.6	3.0	−4.8	27	11.3	13	91	81	90	87	56	19
Jahr	720.5	699.7	I	734.6	II	6.7	11.6	7.8	8.5	−13.6	I	29.4	VII	86	66	83	78	28	V

Luzern.

$\lambda = 8°19'$, $\beta = 47°3'$, $H_b = 455.6^m$, $G = 0.06$ m/m, $h_r = 1.5^m$

Januar	725.1	703.3	8	736.7	25	−2.7	1.3	−1.1	−0.9	−14.3	4	9.2	21	91	76	87	85	39	11
Februar	729.2	710.5	28	737.0	23	−1.6	3.2	0.5	0.6	−8.5	17	9.2	10	91	65	87	81	39	16
März	721.7	709.1	2	722.6	21	0.9	8.2	4.1	4.3	−5.4	16	13.4	19	92	59	78	76	35	29
April	717.0	707.1	14	724.4	26	6.4	12.1	8.2	8.7	1.6	19	18.5	14	86	56	79	74	29	26
Mai	722.1	709.6	7	728.3	2. 31	12.4	19.0	13.8	14.8	6.9	2	25.6	22	73	48	70	64	28	31
Juni	723.2	712.5	17	729.8	8	12.5	17.8	13.2	14.2	8.5	5	24.5	14	73	54	74	67	29	7. 8
Juli	723.2	718.9	9	728.4	19	16.4	22.2	17.3	18.3	11.2	28	29.5	16	69	51	74	65	36	27
August	724.2	717.7	2	729.8	21	14.8	22.2	16.2	17.4	8.0	31	29.6	23	80	50	81	70	32	18
September	721.8	711.2	23	729.0	20	11.8	17.3	13.3	13.9	7.7	22	23.4	5	89	65	88	81	40	13
Oktober	722.7	714.5	15	730.8	29	5.9	10.0	7.2	7.6	1.0	28	15.9	7	95	72	92	86	36	2
November	723.7	714.3	3	733.7	10	2.5	5.5	3.7	3.8	−3.4	24	12.8	7	92	76	89	86	55	13
Dezember	722.7	709.1	19	733.4	14	2.7	5.2	3.2	3.6	−4.1	27	12.2	13	92	80	92	88	53	20
Jahr	723.1	703.3	I	737.0	II	6.8	12.0	8.3	8.9	−14.3	I	29.6	VIII	85	63	83	77	28	V

Walchwil.

$\lambda = 8°30'$, $\beta = 47°6'$, $H_b = 452^m$, $G = —$ m/m, $h_r = 1.5^m$

Januar	—	—	—	—	—	−1.6	1.4	0.2	0.0	−12.2	4	15.3	22	87	75	77	80	26	21
Februar	—	—	—	—	—	−1.1	3.1	0.9	1.0	−7.8	16	10.8	7	84	64	77	75	39	7
März	—	—	—	—	—	1.1	7.8	4.7	4.6	−4.0	27	14.8	25	88	55	67	70	28	15
April	—	—	—	—	—	6.2	11.9	8.6	8.8	1.6	19	18.7	14	86	55	71	71	24	9
Mai	—	—	—	—	—	11.8	18.4	14.1	14.6	5.8	2	23.6	21	78	48	63	63	27	6
Juni	—	—	—	—	—	12.2	17.1	13.6	14.1	7.8	18	22.8	14	78	53	66	66	28	8
Juli	—	—	—	—	—	16.0	20.9	17.3	17.9	10.0	28	27.2	16	76	53	69	66	37	17
August	—	—	—	—	—	15.0	20.8	16.5	17.2	7.7	30	26.9	17	81	51	72	68	36	17
September	—	—	—	—	—	12.6	17.2	13.8	14.4	8.8	24. 30	23.0	5	87	63	79	76	44	1
Oktober	—	—	—	—	—	6.9	10.0	7.9	8.2	3.8	28	14.6	7	92	70	85	82	28	23
November	—	—	—	—	—	3.5	5.6	4.4	4.5	−1.8	24	13.2	7	88	74	79	80	47	20
Dezember	—	—	—	—	—	3.3	5.3	3.5	3.9	−4.6	27	12.2	23	84	74	86	81	41	20
Jahr	—	—	—	—	—	7.2	11.6	8.8	9.1	−12.2	I	27.2	VII	84	61	74	73	24	IV

Böttstein.

$\lambda = 8°13'$, $\beta = 47°34'$, $H_b =$ ca. 360^m, $G = 0.10$ m/m, $h_r = 1.6^m$

Januar	734.3	712.9	8	746.1	25	−2.7	1.7	−0.9	−0.7	−19.0	5	11.8	16	—	—	—	—	—	—
Februar	738.6	718.6	28	746.7	23	−2.0	4.1	0.3	0.7	−10.0	19	10.6	10. 12	—	—	—	—	—	—
März	731.0	718.3	2	742.6	21	0.9	8.9	3.6	4.3	−5.6	16	18.0	24	—	—	—	—	—	—
April	726.1	715.8	14	733.7	26	6.6	12.7	7.5	8.6	0.8	3	20.0	14	—	—	—	—	—	—
Mai	731.2	718.7	7	737.3	1	13.5	19.5	12.9	14.7	8.0	1	26.4	23	—	—	—	—	—	—
Juni	732.2	721.4	17	739.0	8	12.9	18.0	12.5	14.0	2.2	6	24.4	9	—	—	—	—	—	—
Juli	733.0	726.5	23	737.4	19	15.9	21.9	16.0	17.4	10.4	6	30.4	17	—	—	—	—	—	—
August	733.0	726.6	2	738.9	21	14.4	22.0	15.5	16.8	7.0	31	30.0	23	—	—	—	—	—	—
September	730.7	720.4	23	739.0	20	11.2	17.8	12.5	13.5	5.2	22	23.8	16	—	—	—	—	—	—
Oktober	731.9	722.8	15	740.6	29	5.2	10.8	6.3	7.2	−2.0	28	16.0	23	—	—	—	—	—	—
November	733.4	722.4	3	743.8	10	2.1	6.0	3.0	3.5	−5.0	17	12.0	4. 7	—	—	—	—	—	—
Dezember	731.7	718.0	19	742.7	14	3.1	5.5	3.3	3.8	−3.0	26	13.1	14	—	—	—	—	—	—
Jahr	732.3	712.9	I	746.7	II	6.8	12.4	7.7	8.7	−19.0	I	30.4	VII	—	—	—	—	—	—

Beobachter: P. **Ch. Durrer.**

Sarnen.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⌇	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.9	5.4	5.5	5.9	41	17	8	10	5	5	—	—	10	7	13	0	10	0	0	0	11	0	0	72	Januar
6.8	5.8	5.3	6.0	26	9	25	6	6	2	—	—	8	4	10	0	14	0	0	0	5	0	0	65	Februar
5.0	4.9	4.1	4.7	58	28	2	9	7	4	—	—	1	9	6	0	14	0	0	0	6	0	0	73	März
7.2	7.5	7.3	7.3	79	18	30	12	10	2	—	—	1	2	14	0	25	0	0	0	1	0	0	64	April
4.8	5.6	4.1	4.8	49	11	14	9	5	—	1	3	2	5	4	0	29	0	0	0	7	0	0	57	Mai
5.9	6.7	6.8	6.5	175	49	17	18	16	—	—	3	1	2	12	0	29	0	0	0	6	0	0	55	Juni
4.6	5.7	5.9	5.4	70	18	9	12	10	—	—	3	0	5	8	0	32	0	0	0	4	0	0	57	Juli
5.3	5.1	4.7	5.0	119	37	2	14	11	—	—	3	3	9	7	0	33	0	0	0	9	0	0	51	August
6.8	6.0	4.9	5.9	167	32	23	17	15	—	—	—	6	3	10	0	31	0	0	0	14	0	0	45	September
8.5	6.2	6.7	7.1	63	16	15	13	9	—	—	—	9	2	13	0	33	0	0	0	10	0	0	50	Oktober
9.1	7.6	7.0	7.9	40	17	27	6	4	—	—	—	4	0	18	0	25	0	0	0	4	0	0	61	November
8.6	7.0	7.3	7.6	138	24	22	17	15	5	—	—	10	1	15	0	15	0	0	0	27	0	0	51	Dezember
6.6	6.1	5.8	6.2	1025	49	VI	143	113	18	1	12	55	49	130	0	290	0	0	0	104	0	0	701	Jahr

Beobachter: Frl. **N. Arnet.**

Luzern.

8.4	6.3	6.4	7.0	57	20	8	11	7	6	—	—	8	1	12	14	8	0	1	3	6	5	14	42	Januar
7.0	6.7	6.0	6.6	37	11	13	7	6	2	—	—	4	3	12	7	7	4	5	7	3	3	14	34	Februar
5.1	4.5	4.8	4.8	32	8	1	9	9	6	—	—	2	11	6	9	8	5	8	2	9	4	12	36	März
8.0	7.5	7.1	7.5	116	42	15	16	11	2	—	2	0	2	19	12	5	7	7	4	6	8	6	35	April
5.4	5.6	5.0	5.3	60	15	23	8	8	—	—	2	0	5	6	14	7	7	9	5	6	5	12	28	Mai
6.1	6.3	6.7	6.4	195	43	17	18	17	—	1	5	0	5	11	14	10	8	1	8	10	3	4	32	Juni
4.5	5.0	5.9	5.1	97	27	3	11	10	—	—	3	0	9	7	10	5	3	10	4	9	6	11	35	Juli
5.4	4.6	4.4	4.8	117	30	2	13	11	—	—	4	0	8	6	8	0	8	8	7	6	4	6	46	August
6.7	5.9	5.6	6.1	200	51	10	16	15	—	—	4	3	3	10	11	2	7	9	3	9	6	7	36	September
8.3	6.6	7.1	7.3	76	21	15	12	12	—	—	—	2	3	14	14	6	3	1	2	4	7	17	39	Oktober
9.4	7.5	7.1	8.0	30	15	27	8	4	1	—	—	6	0	15	14	2	2	5	2	4	8	12	41	November
8.8	8.2	7.7	8.2	160	28	23	18	17	4	—	—	6	0	21	4	3	0	3	6	13	9	8	47	Dezember
6.9	6.2	6.2	6.4	1177	51	IX	145	127	21	1	20	31	50	139	131	63	54	67	53	85	68	123	451	Jahr

Beobachter: **F. Bachmann.**

Walchwil.

8.6	7.1	6.4	7.4	85	21	13	12	11	5	—	—	8	3	18	0	1	1	4	0	2	2	0	83	Januar
7.0	6.1	5.8	6.3	38	13	13	6	6	1	—	—	3	4	12	0	0	2	0	0	0	1	2	79	Februar
5.4	4.2	3.3	4.3	36	9	1	7	6	3	—	—	2	10	6	0	0	1	1	0	0	5	0	86	März
7.7	6.8	5.9	6.8	128	37	15	13	12	3	—	2	0	5	16	0	0	1	2	1	0	2	0	84	April
5.3	4.8	4.1	4.7	61	18	7	10	8	—	1	3	2	7	5	1	3	2	1	2	1	0	2	81	Mai
5.4	5.7	6.5	5.9	211	62	17	17	13	—	—	3	0	3	8	2	4	1	0	0	1	1	9	72	Juni
4.1	4.2	5.3	4.5	135	42	3	11	11	—	—	4	0	9	6	0	1	0	0	0	1	0	4	87	Juli
4.0	4.0	4.8	4.3	120	24	2	11	11	—	—	1	1	10	3	0	0	1	0	0	0	1	2	89	August
6.8	5.8	4.6	5.7	228	47	10	16	14	—	1	2	3	5	8	0	2	1	0	0	0	3	2	82	September
8.4	6.3	6.4	7.0	94	33	15	11	10	—	—	—	2	2	15	1	0	0	1	2	0	2	0	87	Oktober
9.2	6.9	6.7	7.6	46	23	27	6	4	—	—	—	2	0	15	0	3	1	1	0	0	1	2	82	November
8.7	8.1	7.5	8.1	178	30	22	17	17	3	—	—	0	1	20	1	0	0	0	0	1	0	1	90	Dezember
6.7	5.8	5.6	6.0	1360	62	VI	137	123	15	2	15	23	59	132	5	14	11	10	5	6	18	24	1002	Jahr

Beobachter: **J. Hauser.**

Böttstein.

8.7	6.3	6.3	7.1	87	17	7	11	11	4	—	1	10	2	15	0	3	0	1	2	9	4	1	73	Januar
7.5	6.5	5.1	6.4	46	13	22	7	5	2	—	—	3	4	12	0	7	0	0	7	2	0	0	68	Februar
7.6	4.8	3.9	5.4	56	14	30	8	8	3	—	—	8	7	11	0	11	0	2	0	7	0	0	73	März
8.9	8.5	6.5	8.0	98	19	18	14	13	2	—	1	3	2	18	0	5	0	1	2	18	1	0	63	April
5.8	5.3	4.2	5.1	42	24	11	6	5	—	—	2	2	7	8	0	21	0	0	0	7	5	0	60	Mai
6.4	6.1	5.0	5.8	151	37	15	14	12	—	—	3	4	8	11	0	8	0	0	1	13	13	0	55	Juni
6.3	6.0	5.6	6.0	71	14	9. 23	13	10	—	—	1	2	6	11	0	10	0	0	0	14	11	0	58	Juli
7.0	5.4	3.5	5.3	84	18	2	11	10	—	—	2	6	5	6	0	6	0	0	0	5	19	0	63	August
9.3	6.9	4.8	7.0	198	40	10	16	16	—	—	—	9	0	12	0	0	0	0	2	0	19	0	69	September
9.3	6.6	5.7	7.2	43	28	15	8	6	—	—	—	12	2	16	0	3	0	0	4	1	6	0	79	Oktober
8.1	8.4	7.3	7.9	41	16	27	8	8	—	—	—	9	4	21	0	19	0	0	2	1	5	0	63	November
8.9	9.0	7.3	8.4	257	50	22	19	17	3	—	—	7	5	22	0	3	0	0	3	19	3	0	65	Dezember
7.9	6.6	5.4	6.6	1174	50	XII	135	121	14	—	10	75	47	163	0	96	0	4	23	96	86	1	789	Jahr

Aarau.

$\lambda = 8^\circ 2'$, $\beta = 47^\circ 23'$, $H_b = 406.1^{m}$, $G = 0.10\ ^{m}/_{m}$, $h_r = 1.6^{m}$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	730.0	708.1	8	742.0	25	−2.3	1.3	−1.4	−0.9	−18.4	5	9.6	19	89	74	87	83	49	21
Februar	734.2	714.4	28	742.0	23	−2.4	3.7	0.1	0.4	−9.8	17	9.8	23	89	63	87	80	39	26
März	726.5	713.9	2	738.1	21	0.7	8.4	3.1	3.8	−3.8	27	16.2	24	90	53	80	74	34	28
April	721.7	711.5	14	729.3	26	5.8	12.3	7.7	8.4	−0.4	3	19.8	14	87	53	81	74	32	4. 26
Mai	726.9	714.5	7	734.1	1	11.0	19.2	13.1	14.1	4.8	3	25.2	19	80	44	75	66	27	19
Juni	727.9	717.4	17	734.5	8	11.1	17.3	12.4	13.3	7.4	5. 19	24.2	14	78	51	78	69	28	8
Juli	728.0	723.4	24	733.2	19	14.0	21.3	16.0	16.8	9.4	30. 31	29.0	17	80	49	78	69	35	29
August	728.9	722.3	2	734.6	21	13.2	20.7	15.1	16.0	6.2	31	29.0	22	86	51	80	72	34	23
September	726.5	715.5	23	734.4	20	10.8	17.4	12.4	13.2	5.2	14	22.4	10. 19	92	58	89	80	36	3
Oktober	727.6	718.7	15	735.9	29	5.5	10.4	6.3	7.1	−1.4	28	15.6	23	93	64	92	83	42	27
November	728.8	719.4	3	738.9	10	2.5	5.7	3.0	3.5	−3.0	17	11.8	9	90	70	88	83	46	15
Dezember	727.4	713.7	19	738.3	14	2.9	4.8	3.2	3.5	−2.6	26	11.6	14	90	80	92	87	59	1. 27
Jahr	727.9	708.1	I	742.0	I. II	6.1	11.9	7.6	8.3	−18.4	I	29.0	VII VIII	87	59	84	77	27	V

Wintersingen.

$\lambda = 7^\circ 52'$, $\beta = 47^\circ 30'$, $H_b = 444^{m}$, $G = 0.09\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	726.0	704.9	8	737.5	25	−2.8	3.4	−0.5	−0.1	−15.8	4	12.0	16. 19	91	76	86	84	51	20
Februar	730.3	710.6	28	738.3	23	−2.1	5.0	−0.4	0.5	−9.4	20	11.5	8	91	70	88	83	43	26
März	723.0	710.9	2	734.0	21	0.4	8.8	2.6	3.6	−6.1	27	16.8	24	90	60	85	78	33	28
April	718.4	709.3	14	725.2	26	6.1	11.4	6.8	7.8	0.1	19	18.8	13	88	68	88	81	36	26
Mai	723.5	711.5	7	729.8	31	12.0	19.3	11.8	13.7	7.4	2	25.9	22	85	55	83	74	35	3
Juni	725.5	713.9	17	730.9	8	11.5	17.4	11.5	13.0	6.4	23	24.2	14	84	60	85	76	34	8
Juli	724.4	719.8	23	729.6	19	15.0	21.4	15.1	16.6	8.6	28	31.4	17	83	60	84	76	38	16
August	725.3	718.8	2	730.8	21	13.6	21.3	14.0	15.7	5.8	31	30.2	23	91	60	88	80	43	27
September	722.8	712.7	23	730.9	20	11.5	17.4	11.8	13.1	4.4	30	23.5	16	91	68	91	83	40	10
Oktober	724.0	715.5	15	732.0	29	5.1	10.0	5.7	6.6	−2.4	28	17.6	23	95	76	94	88	63	28
November	725.0	715.2	3	735.3	10	1.9	6.4	2.9	3.5	−7.0	24	14.8	5	91	78	89	86	56	13
Dezember	723.5	710.4	20	734.6	14	3.0	5.8	3.3	3.9	−4.4	26	12.4	13. 14	90	82	89	87	58	18
Jahr	724.3	704.9	I	738.3	II	6.3	12.3	7.1	8.2	−15.8	I	31.4	VII	89	68	87	81	33	III

Lungenbruck.

$\lambda = 7^\circ 46'$, $\beta = 47^\circ 21'$, $H_b = 704.7^{m}$, $G = 0.06\ ^{m}/_{m}$, $h_r = 1.6^{m}$

Januar	703.0	682.1	8	714.7	25	−3.5	2.1	−2.1	−1.4	−18.4	5	10.0	22. 23	89	73	87	83	40	22
Februar	707.1	690.6	28	715.1	23	−4.0	2.4	−2.0	−1.4	−10.8	20	8.8	7	93	70	91	85	47	16
März	700.2	688.1	2	710.7	21	−0.8	6.6	1.1	2.0	−8.6	27	14.6	24	95	58	85	79	37	28
April	696.0	687.3	14	702.9	25	4.4	9.4	5.6	6.2	−1.8	3	16.0	13	94	67	91	84	32	26
Mai	701.4	689.8	7	707.1	31	10.9	16.9	10.9	12.4	5.8	2	25.0	22	82	50	78	70	31	19
Juni	702.3	692.7	17	708.4	8	11.0	14.9	10.6	11.8	5.0	5	22.2	14	79	59	81	73	30	8
Juli	702.6	698.1	23	707.8	19	14.0	19.6	13.8	15.3	7.2	28	29.4	17	79	54	81	71	32	16. 17
August	703.6	697.3	2	708.9	21	12.4	19.4	12.9	14.4	3.0	31	28.6	22	93	54	86	78	30	23
September	701.1	690.7	23	708.2	20	10.0	15.8	10.8	11.9	3.0	30	21.3	19	95	65	92	84	38	1
Oktober	701.4	692.4	16	708.6	29	3.7	8.4	4.7	5.4	−3.8	28	15.2	23	98	74	95	89	44	2
November	702.1	693.1	3	712.8	10	0.8	4.2	1.5	2.0	−5.3	23	13.0	6	94	81	91	89	48	13
Dezember	701.0	686.1	19	712.1	14	1.3	4.1	1.9	2.3	−5.6	2	10.2	14	96	85	95	92	59	25
Jahr	701.8	682.1	I	715.1	II	5.0	10.3	5.8	6.7	−18.4	I	29.4	VII	91	66	88	82	30	VI VIII

Weissenstein.

$\lambda = 7^\circ 30'$, $\beta = 47^\circ 15'$, $H_b = 1285^{m}$, $G = -0.02\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	654.2	633.7	8	665.8	25	−0.9	0.9	−1.2	−0.6	−15.4	9	9.4	20	63	63	68	65	25	4. 5. 6 12
Februar	657.9	640.9	28	666.1	23	−1.9	0.6	−1.1	−0.9	−15.6	16	5.8	8	69	63	69	67	18	7
März	651.7	638.5	2	662.3	21	−1.2	2.4	0.1	0.3	−9.0	27	9.2	24	75	61	70	69	15	31
April	648.2	639.8	10	654.7	26	1.6	4.5	2.4	2.7	−5.0	19. 20	13.4	13. 14	88	74	83	82	35	3. 4
Mai	654.2	644.0	7	659.9	31	7.7	11.8	9.6	9.7	3.2	1	19.0	25	73	48	64	62	28	20
Juni	655.2	644.8	17	662.4	8	7.3	11.1	7.8	8.5	2.4	5	17.2	9	77	56	74	69	30	7
Juli	656.0	651.7	27	660.8	19	11.0	15.6	11.6	12.4	5.2	28	23.8	20	69	54	68	64	25	17
August	656.9	651.1	6	663.3	21	10.8	14.4	11.8	12.2	3.2	30	23.4	22	72	54	69	65	33	26
September	654.1	644.1	23	659.4	20	8.5	11.6	8.5	9.3	1.6	30	19.2	17	76	66	79	74	28	4
Oktober	653.7	645.8	16	661.0	29	3.0	5.1	2.9	3.5	−1.6	28	14.2	23	81	69	80	77	20	31
November	653.8	646.7	27	663.6	10	0.4	2.4	0.3	0.9	−8.0	16	15.6	6	73	70	83	75	13	12
Dezember	652.9	640.9	19. 20	664.6	14	0.2	1.5	0.7	0.8	−7.8	27	9.8	5	82?	84?	81?	82?	8	3
Jahr	654.1	633.7	I	666.1	II	3.9	6.8	4.5	4.9	−15.6	II	23.8	VII	74	64	74	71	8	XII

Beobachter: **H. Amsler-Baumann.**

Aarau.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.8	6.0	6.5	7.1	60	10	15	12	9	6	—	—	10	3	15	0	7	2	0	0	1	15	19	49	Januar
7.1	5.6	5.1	5.9	38	12	22	6	6	2	—	—	14	4	12	0	12	4	0	0	1	5	17	45	Februar
5.6	4.5	4.0	4.7	43	8	1	12	7	5	—	—	9	8	6	3	17	8	2	0	2	12	6	43	März
8.0	6.5	7.1	7.2	65	15	18	16	14	3	—	2	3	0	13	6	12	6	1	0	2	3	18	42	April
5.5	5.0	3.7	4.7	58	20	11	7	7	—	—	2	6	7	2	13	27	10	0	0	1	3	10	29	Mai
5.6	5.6	4.5	5.2	203	44	21	14	13	—	—	4	2	5	8	11	24	3	2	0	4	9	11	26	Juni
4.7	4.4	4.3	4.5	70	22	27	12	8	—	—	3	3	8	4	14	13	3	2	0	5	13	11	32	Juli
5.2	4.2	3.0	4.1	67	17	4	12	11	—	—	3	4	7	2	8	1	6	1	0	3	5	24	45	August
7.6	5.6	5.2	6.1	166	31	10	17	16	—	—	1	9	0	5	7	4	0	0	0	6	9	21	43	September
9.4	5.6	5.6	6.9	62	30	15	10	6	—	—	—	18	1	14	6	13	7	1	0	0	8	11	47	Oktober
8.4	7.0	7.2	7.5	65	26	27	10	8	—	—	—	14	4	19	2	21	9	0	0	3	5	11	39	November
9.2	8.3	8.6	8.7	214	35	28	23	15	5	—	—	12	0	24	0	0	3	0	0	10	25	10	45	Dezember
7.1	5.7	5.4	6.1	1111	44	VI	151	120	21	—	15	104	47	124	70	151	61	9	0	38	112	169	485	Jahr

Beobachter: **W. Bührer.**

Wintersingen.

5.5	4.7	5.7	5.3	56	14	13	12	9	6	—	—	2	8	10	0	0	2	2	3	5	15	9	57	Januar
3.8	4.9	3.9	4.2	41	10	21	8	7	2	—	—	0	11	6	1	0	12	4	1	2	9	9	46	Februar
5.5	4.9	4.2	4.9	44	13	29	11	8	6	—	—	2	10	9	4	1	11	5	1	2	5	16	48	März
8.3	8.4	7.7	8.1	81	13	30	16	14	5	—	2	1	3	20	1	3	7	1	1	1	16	22	38	April
5.0	5.1	4.7	4.9	62	29	11	10	9	—	2	4	0	8	5	2	4	10	5	0	3	8	19	42	Mai
5.0	5.6	4.7	5.1	140	32	21	14	13	—	1	3	1	8	9	1	1	7	2	1	3	17	18	40	Juni
5.4	5.0	5.3	5.2	77	21	27	12	9	—	1	3	0	8	10	2	1	5	2	2	3	18	6	54	Juli
4.1	4.6	3.4	4.0	57	10	4	11	10	—	—	1	1	12	5	3	3	2	1	2	5	14	9	54	August
7.3	6.6	5.3	6.4	164	31	10	17	16	—	—	1	2	4	9	3	0	5	4	3	5	15	11	44	September
7.7	5.9	6.2	6.6	70	38	15	11	7	—	—	—	3	3	15	2	1	9	3	2	1	7	15	53	Oktober
6.7	6.3	5.9	6.3	84	37	27	11	7	—	—	—	7	7	14	1	1	21	9	3	1	2	11	41	November
7.8	8.0	6.5	7.4	154	19	11	18	16	4	—	—	3	4	16	0	1	3	4	0	7	23	10	45	Dezember
6.0	5.8	5.3	5.7	1030	38	X	151	125	23	4	14	22	86	128	20	16	94	42	19	38	149	155	562	Jahr

Beobachter: **T. Bider.**

Langenbruck.

5.7	5.5	5.6	5.6	62	12	13	10	10	6	—	—	1	9	14	0	0	14	17	6	9	17	6	24	Januar
6.7	5.5	4.7	5.6	57	25	22	6	6	5	—	—	6	5	8	5	1	25	4	7	1	2	13	26	Februar
5.2	5.5	3.9	4.9	45	11	30	10	9	4	—	—	5	10	10	6	4	28	16	1	0	14	6	18	März
8.0	8.3	7.7	8.0	111	34	27	16	14	5	—	1	0	0	18	30	1	7	8	4	4	12	7	17	April
5.5	6.4	5.4	5.8	64	30	11	10	10	—	—	1	2	4	11	3	11	27	12	0	2	9	8	21	Mai
5.4	6.8	4.6	5.6	185	41	15	13	11	—	—	4	0	4	9	9	10	21	8	0	0	14	22	6	Juni
5.9	6.2	4.6	5.6	76	17	27	12	10	—	—	2	0	5	9	4	3	21	12	5	4	18	6	20	Juli
5.2	6.3	3.7	5.1	87	23	4	12	11	—	—	—	0	5	7	10	8	9	13	1	1	14	14	23	August
7.2	7.0	6.1	6.8	171	30	10	17	16	—	—	1	2	3	13	11	0	2	12	2	12	27	9	15	September
7.0	6.6	6.2	6.6	67	41	15	10	7	—	—	—	8	2	15	20	12	22	12	0	2	8	3	14	Oktober
7.4	7.6	7.6	7.9	75	31	28	9	8	3	—	—	11	1	19	6	9	35	6	4	4	6	4	16	November
8.2	8.1	6.8	7.7	204	29	22	18	15	9	—	—	6	2	20	1	3	11	13	5	5	27	11	17	Dezember
6.5	6.6	5.6	6.3	1204	41	VI. X	143	127	32	—	9	41	50	153	105	62	222	133	35	44	168	109	217	Jahr

Beobachter: **K. Illi.**

Weissenstein.

3.4	3.7	3.5	3.5	118	47	7	12	10	7	—	—	4	18	8	4	2	0	0	14	7	20	9	37	Januar
2.8	3.3	2.8	3.0	35	19	28	6	6	6	—	—	6	15	4	4	2	1	0	4	6	9	8	50	Februar
3.4	4.7	3.8	4.0	83	35	30	10	10	9	—	—	11	14	7	12	0	0	0	5	4	3	3	66	März
7.3	7.4	6.2	7.0	100	19	30	17	17	10	—	1	15	4	14	2	0	2	0	7	1	1	4	73	April
—	—	—	?	52	22	11	10	7	—	—	—	3	?	?	18	2	2	0	9	2	0	2	58	Mai
—	—	—	?	191	35	10	16	14	—	—	2	8	?	?	22	2	4	0	4	0	7	6	45	Juni
—	—	—	?	69	20	9	9	7	—	—	1	4	?	?	6	1	0	0	0	2	0	14	70	Juli
—	—	—	?	74	25	4	10	10	—	—	—	6	?	?	5	2	2	2	3	5	1	13	60	August
—	—	—	?	176	26	10	16	16	—	—	—	7	?	?	7	0	0	2	4	15	4	29	29	September
—	—	—	?	50	26	15	11	10	3	—	—	11	?	?	10	11	2	5	5	5	1	19	35	Oktober
—	—	—	?	71	23	28	10	9	6	—	—	9	?	?	2	3	1	6	1	6	2	25	44	November
—	—	—	?	256	59	24	18	17	12	—	—	5	?	?	0	2	1	2	1	20	5	26	36	Dezember
?	?	?	?	1275	59	XII	145	133	53	—	4	89	?	?	92	27	15	17	57	73	53	158	603	Jahr

Solothurn.

$\lambda = 7°32'$, $\beta = 47°13'$, $H = 470^m$, $G = -$ m/m, $h_r = 1.5^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	—	—	—	—	—	−2.7	1.7	−1.7	−1.1	−18.1	5	11.2	21	93	81	92	89	49	9
Februar	—	—	—	—	—	−2.6	3.8	0.1	0.4	−9.4	17	11.4	23	94	71	88	84	37	26
März	—	—	—	—	—	0.7	9.0	3.7	4.3	−3.4	16	16.8	24	94	57	78	76	34	17
April	—	—	—	—	—	5.7	11.9	7.4	8.1	0.6	21	18.3	14. 26	94	63	84	80	31	26
Mai	—	—	—	—	—	12.0	20.0	13.7	14.9	7.1	2	26.2	23	83	47	69	66	30	19
Juni	—	—	—	—	—	12.0	18.2	13.0	14.1	7.1	19	26.5	14	82	55	76	71	31	8
Juli	—	—	—	—	—	15.1	23.0	16.5	17.8	9.2	29	32.2	17	83	49	74	69	31	19
August	—	—	—	—	—	14.3	23.1	15.6	17.1	6.0	31	32.4	23	87	49	77	71	29	23
September	—	—	—	—	—	11.2	18.9	12.7	13.9	5.8	22. 30	24.9	1	94	59	90	81	33	1
Oktober	—	—	—	—	—	5.2	10.8	6.5	7.3	−2.6	29	17.6	7	96	68	94	86	40	7
November	—	—	—	—	—	2.2	5.7	3.0	3.5	−3.7	17	14.2	8	94	78	90	87	48	13
Dezember	—	—	—	—	—	2.3	4.7	2.9	3.2	−2.6	2. 3	12.1	14	94	86	97	92	49	25
Jahr	—	—	—	—	—	6.3	12.6	7.8	8.6	−18.1	I	32.4	VIII	91	64	84	79	29	VIII

Langnau i. E.

$\lambda = 7°47'$, $\beta = 46°56'$, $H = 685^m$, $G = -$ m/m, $h_r = 1.6^m$

Januar	—	—	—	—	—	−4.3	1.8	−2.6	−1.9	−17.7	4	8.8	21	88	64	85	79	46	11
Februar	—	—	—	—	—	−2.8	4.4	−0.7	0.0	−10.4	17	10.0	8	85	52	81	73	28	8
März	—	—	—	—	—	−0.8	7.6	1.6	2.5	−5.4	7	13.8	24	86	47	78	70	31	19. 28
April	—	—	—	—	—	4.6	10.3	6.1	6.8	0.0	3	17.0	14	86	55	80	74	27	26
Mai	—	—	—	—	—	10.7	18.0	11.7	13.0	5.6	1	25.0	21	73	40	69	60	28	19, 28, 31
Juni	—	—	—	—	—	11.0	16.3	11.8	12.7	6.5	6	23.0	9	71	46	67	61	21	3
Juli	—	—	—	—	—	14.4	20.6	15.4	16.5	9.0	29	29.6	17	70	43	69	61	31	8. 31
August	—	—	—	—	—	12.8	20.3	14.2	15.4	5.0	31	28.5	22	79	45	74	66	27	17
September	—	—	—	—	—	10.3	17.1	11.6	12.7	5.5	14	23.8	19	87	53	82	74	30	15
Oktober	—	—	—	—	—	3.9	9.4	5.2	5.9	−1.4	28	15.4	7	92	70	85	82	34	2
November	—	—	—	—	—	0.9	5.8	2.2	2.8	−8.2	23	13.9	7	87	66	83	79	50	7. 25
Dezember	—	—	—	—	—	1.2	4.9	1.7	2.1	−7.6	27	11.0	14	88	68	88	81	45	19
Jahr	—	—	—	—	—	5.2	11.4	6.5	7.4	−17.7	I	29.6	VII	83	54	78	72	21	VI

St. Beatenberg.

$\lambda = 7°48'$, $\beta = 46°41'$, $H_b = 1148^m$, $G = -0.05$ m/m, $h_r = 1.1^m$

Januar	665.9	645.2	8	677.1	25	−0.7	2.6	−0.5	0.2	−14.3	4	8.7	20. 22	61	59	62	61	37	6
Februar	669.4	652.3	28	677.5	23	−1.8	3.5	−0.8	0.0	−11.7	16	8.1	24	64	55	67	62	31	4
März	663.0	649.3	2	673.2	21	−0.5	5.4	0.6	1.5	−6.2	27	12.1	25	72	55	72	66	36	29
April	659.3	651.7	14	666.2	25	3.7	7.6	3.5	4.6	−1.8	19. 20	14.0	14	82	68	84	78	39	26
Mai	665.1	654.3	7	670.8	23	9.7	15.0	9.6	11.0	2.1	1	21.5	21	74	59	67	67	40	28
Juni	665.8	655.0	17	672.8	8	9.7	13.9	8.8	10.3	4.3	5	21.3	9	77	62	76	72	33	3
Juli	666.7	662.2	1	671.5	19	13.3	18.1	12.9	14.3	6.3	28	27.1	17	75	65	75	72	41	17
August	667.7	662.1	3	673.6	21	12.3	17.5	12.0	13.5	3.8	30	25.1	22	77	63	78	73	45	17
September	665.1	654.5	23	670.6	20	10.5	14.3	10.6	11.5	3.8	30	20.8	19	77	69	75	74	39	10
Oktober	664.4	656.8	16	671.4	6	3.6	7.3	4.2	4.8	−0.6	30	15.6	23	85	77	82	81	45	23
November	664.8	657.9	29	674.3	10	1.0	4.5	1.4	2.1	−6.3	21	16.0	6	76	73	78	75	40	24
Dezember	664.3	653.2	20	674.7	14	0.5	3.2	1.3	1.6	−9.5	27	9.5	6	76	72	78	75	41	5
Jahr	665.1	645.2	I	677.5	II	5.1	9.4	5.3	6.3	−14.3	I	27.1	VII	75	65	74	71	31	II

Interlaken (Unterseen).

$\lambda = 7°51'$, $\beta = 46°42'$, $H_b = 594.7^m$, $G = 0.04$ m/m, $h_r = 1.5^m$

Januar	712.9	692.0	8	724.7	25	−1.5	2.3	−0.1	0.1	−11.2	4	11.8	20	78	60	68	69	29	20
Februar	716.8	698.2	28	724.6	23	−1.8	4.6	0.8	1.1	−7.8	16. 17	10.2	8	77	50	66	64	31	7. 8
März	709.6	696.0	2	720.3	21	0.6	7.6	3.4	3.8	−3.4	7	14.2	23. 25	77	42	61	60	22	29
April	705.0	695.3	13	712.4	26	5.6	10.9	7.0	7.6	0.8	19	17.4	9. 14	75	50	68	64	25	4
Mai	710.3	798.4	7	716.4	1	10.9	18.1	13.0	13.7	5.2	1	23.6	23	70	42	56	56	27	28. 31
Juni	711.3	701.0	17	717.8	8	10.9	17.1	12.5	13.3	7.0	10. 23	23.2	9	73	44	62	60	25	23
Juli	711.5	707.1	1. 9	716.4	19	14.5	20.8	16.2	16.9	8.4	29	28.4	17	67	43	63	58	33	17
August	712.7	706.9	2	718.3	21	13.3	20.3	15.3	16.0	6.6	30	28.0	22	78	41	64	61	31	17
September	710.3	699.1	23	717.1	20	11.0	17.2	12.5	13.3	6.4	30	23.2	19	82	50	73	68	29	10
Oktober	710.6	703.0	15. 16	718.4	29	5.4	10.0	6.4	7.0	0.2	31	16.0	12	87	58	81	75	35	3
November	711.4	702.1	3	721.0	10	2.6	6.7	3.5	4.1	−3.2	24	14.0	5. 7	80	59	75	71	43	13. 15
Dezember	710.9	698.8	19	721.4	14	1.3	4.7	2.1	2.6	−6.2	27	12.2	14	82	67	81	77	42	1
Jahr	711.1	692.0	I	724.7	I	6.1	11.7	7.7	8.3	−11.2	I	28.4	VII	77	50	68	65	22	III

Beobachter: **B. u. G. Glutz.**

Solothurn.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
8.4	7.8	7.1	7.8	96	25	7	12	11	4	—	—	8	3	18	0	3	4	1	0	6	12	13	54	Januar
6.5	6.7	5.1	6.1	34	15	28	6	5	2	—	—	9	3	12	1	9	5	3	0	3	9	6	48	Februar
5.8	5.6	4.2	5.2	57	16	30	11	10	5	—	—	5	8	9	2	5	18	3	1	4	6	9	45	März
8.4	8.4	6.9	7.9	85	22	30	15	13	4	—	—	2	0	18	1	6	12	3	2	5	6	6	49	April
4.3	5.6	4.2	4.7	43	19	11	7	6	—	—	—	0	8	5	2	14	17	4	0	5	6	12	33	Mai
6.0	6.5	4.5	5.7	193	40	15	14	13	—	—	3	3	7	9	3	11	14	4	0	4	2	11	41	Juni
4.8	5.3	4.9	5.0	51	16	9	9	8	—	—	—	0	8	8	6	9	4	2	3	8	5	10	46	Juli
4.5	5.6	2.9	4.3	69	18	4	11	11	—	—	—	2	8	2	0	3	2	7	0	7	3	16	55	August
7.8	7.3	5.7	6.9	213	38	10	16	16	—	—	—	4	1	14	1	4	1	1	1	6	10	14	52	September
7.8	6.5	6.7	7.0	60	42	15	7	5	—	—	—	7	4	18	2	8	6	4	1	1	1	4	66	Oktober
8.4	7.8	7.0	7.7	69	28	28	8	7	2	—	—	10	2	17	0	21	8	1	1	4	7	5	43	November
8.7	8.9	7.9	8.5	275	53	22	20	15	6	—	—	8	0	25	0	1	3	0	0	9	21	15	44	Dezember
6.8	6.8	5.6	6.4	1245	53	XII	136	120	23	—	3	58	52	155	18	94	94	33	9	62	88	121	576	Jahr

Beobachter: **J. U. Zbinden.**

Langnau i. E.

5.1	4.8	5.1	5.0	52	15	8	10	9	6	—	—	2	11	11	1	0	41	3	0	1	10	1	36	Januar
5.5	4.9	4.4	4.9	44	15	28	6	6	3	—	—	4	8	7	0	3	30	1	1	0	10	0	39	Februar
6.1	6.4	4.5	5.7	58	24	2	9	8	4	—	—	0	7	11	0	2	29	1	0	1	12	7	41	März
8.5	9.2	7.8	8.5	101	23	30	18	15	4	—	1	0	1	21	1	2	19	0	0	0	17	13	38	April
5.4	6.9	5.3	5.9	58	22	11	9	7	—	—	1	1	6	11	4	4	29	2	0	1	6	11	36	Mai
5.3	6.8	5.6	5.9	171	26	10	17	17	—	1	2	1	7	11	2	5	21	3	0	0	14	9	36	Juni
5.1	6.0	5.2	5.4	58	14	9	10	8	—	—	1	1	7	12	3	3	21	2	2	0	9	24	29	Juli
5.2	5.9	4.9	5.3	94	34	2	14	12	—	—	—	0	9	10	0	3	28	3	1	0	18	10	30	August
7.8	7.3	5.9	7.0	234	64	10	17	16	—	—	—	2	3	16	1	0	25	4	0	3	19	11	27	September
8.1	6.8	6.9	7.3	70	31	15	12	7	—	—	—	3	3	16	1	1	19	0	0	0	13	5	54	Oktober
8.6	6.7	6.8	7.4	38	15	28	6	6	2	—	—	5	1	14	0	0	30	6	0	1	4	1	48	November
7.6	7.9	6.7	7.4	194	45	23	17	15	10	—	—	1	3	18	0	0	21	7	0	6	14	0	45	Dezember
6.5	6.6	5.8	6.3	1172	64	IX	145	126	29	1	5	20	66	158	13	23	313	32	4	13	146	92	459	Jahr

Beobachter: **H. Bay.**

St. Beatenberg.

4.3	4.4	3.9	4.2	57	18	8	11	8	6	—	—	4	12	9	6	6	9	6	7	8	13	32	6	Januar
3.9	3.5	2.8	3.4	42	16	22	6	6	6	—	—	6	14	5	3	2	9	11	10	3	5	36	5	Februar
4.8	5.6	3.7	4.7	73	39	2	12	8	10	—	—	3	12	8	3	3	12	10	11	5	2	29	18	März
7.8	8.2	6.7	7.6	117	39	30	16	15	7	—	—	13	1	17	3	3	20	12	7	1	0	13	31	April
4.2	6.3	4.1	4.9	52	15	14	12	7	—	—	3	4	5	5	5	1	19	29	8	1	4	19	7	Mai
5.0	6.5	5.7	5.7	239	67	21	14	13	—	—	1	8	5	9	3	2	11	19	7	8	6	21	13	Juni
4.9	5.1	4.8	4.9	108	29	9	11	8	—	—	—	4	8	8	7	4	9	21	8	3	1	18	22	Juli
4.7	5.2	3.5	4.5	213	56	24	12	12	—	—	4	2	10	6	6	4	13	15	7	0	5	25	18	August
7.0	6.0	4.9	6.0	179	29	10	18	15	—	—	1	7	3	10	4	4	4	14	9	4	5	25	21	September
6.7	6.2	5.3	6.1	83	39	15	12	9	3	—	—	16	4	10	6	4	2	10	13	3	4	15	36	Oktober
6.9	5.9	4.9	5.9	104	41	29	7	7	4	—	—	7	5	10	6	5	7	12	7	4	3	25	21	November
5.8	6.7	5.3	5.9	324	55	22	17	17	10	—	—	4	5	11	8	2	6	8	8	9	4	29	19	Dezember
5.5	5.8	4.6	5.3	1591	67	VI	148	125	46	—	9	78	84	108	60	40	121	167	102	49	52	287	217	Jahr

Beobachter: **U. Fuchs.**

Interlaken (Unterseen).

5.5	5.3	4.7	5.2	54	14	8	8	8	4	—	—	7	10	12	1	0	17	1	0	0	6	5	63	Januar
4.9	4.6	4.1	4.5	32	11	22	6	5	3	—	—	5	10	8	1	0	15	0	0	0	15	4	49	Februar
4.4	5.5	4.1	4.7	46	24	2	8	5	5	—	—	1	11	7	0	1	14	2	0	1	25	3	47	März
7.7	8.1	7.0	7.6	98	30	30	14	12	3	—	—	0	3	16	2	1	17	0	0	2	32	4	32	April
4.3	5.8	5.5	5.2	40	13	7	9	8	—	—	—	1	3	6	6	0	20	1	1	2	22	7	34	Mai
4.9	6.6	6.4	6.0	209	68	21	16	15	—	—	—	0	7	12	4	1	16	0	2	2	20	8	37	Juni
4.7	5.4	5.3	5.1	65	19	27	10	9	—	—	1	0	8	8	1	0	15	0	1	0	24	7	45	Juli
4.6	5.3	4.6	4.8	164	39	2	11	10	—	—	3	1	9	7	2	1	18	3	0	3	22	11	33	August
7.1	6.3	5.5	6.3	162	28	10	17	15	—	—	—	2	3	12	0	0	18	1	0	1	15	9	49	September
8.0	6.2	6.5	6.9	83	39	15	13	12	—	—	—	7	2	15	0	0	6	0	0	2	26	3	56	Oktober
8.8	5.6	5.7	6.7	83	33	28	7	7	1	—	—	8	1	8	1	1	16	1	0	0	11	1	59	November
6.5	7.4	6.3	6.7	354	101	22	16	16	4	—	—	3	4	13	2	1	13	2	1	0	1	4	69	Dezember
5.9	6.0	5.5	5.8	1390	101	XII	135	122	20	—	4	35	71	124	20	6	185	11	5	13	219	66	573	Jahr

Meiringen.

$\lambda = 8°12'$, $\beta = 46°44'$, $H_b = 604.7^m$, $G = 0.03$ m/m, $h_r = 1.6^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	712.0	688.7	8	723.6	25	−3.0	2.2	−0.8	−0.7	−14.0	6	13.0	20. 22	88	74	86	83	30	20. 21. 22
Februar	716.2	698.0	28	724.6	23	−3.5	4.6	−0.1	0.2	−9.4	3. 17	9.4	11	96	62	83	80	38	11
März	708.9	695.6	2	719.5	21	−0.4	8.0	3.4	3.6	−6.0	7	14.1	25	96	56	75	75	34	16
April	704.2	695.2	14	712.0	26	5.3	12.3	8.8	8.8	−0.6	22	18.0	14	92	56	74	74	30	3. 4. 11. 26
Mai	709.6	697.8	7	715.7	23	9.2	18.1	13.6	13.6	3.6	2	24.8	6	94	55	73	74	30	4
Juni	710.7	700.4	17	717.1	8	9.6	16.8	13.1	13.2	4.0	6	22.0	8. 9. 14	96	64	81	80	30	7. 8
Juli	711.0	706.3	9. 27	714.7	28	13.5	20.6	16.3	16.7	7.0	29	28.0	17	95	64	88	82	45	17. 21
August	712.0	705.8	2	717.6	22	11.6	20.1	15.9	15.9	4.3	31	27.4	22	100	64	91	85	46	22
September	709.5	699.0	23	716.4	20	9.5	16.5	12.5	12.8	4.8	22	21.8	5	100	79	98	92	50	1. 22
Oktober	709.9	702.1	17	717.3	29	4.8	10.6	6.6	7.1	−1.0	31	20.0	23	99	74	96	90	35	23
November	710.8	701.5	3	720.3	10	1.2	6.4	2.6	3.2	−6.0	23	19.8	6	98	75	95	89	30	6
Dezember	710.3	697.9	19	720.7	14	−0.1	2.9	0.8	1.1	−7.2	27	7.6	14	99	91	98	96	65	19
Jahr	710.4	688.7	I	724.6	II	4.8	11.6	7.7	8.0	−14.0	I	28.0	VII	96	68	86	83	30	I. IV. V. VI. XI

Guttannen.

$\lambda = 8°17'$, $\beta = 46°39'$, $H_b = 1055.1^m$, $G = -0.04$ m/m, $h_r = 1.5^m$

Januar	673.6	651.7	8	684.8	25	−0.7	1.4	−0.9	−0.3	−15.2	9	10.4	18	74	68	78	73	42	1
Februar	676.9	659.2	28	685.0	23	−2.8	2.5	−1.4	−0.8	−12.2	16	8.4	3	85	60	79	75	25	3
März	670.4	656.8	2	681.0	21	−0.3	6.0	0.7	1.8	−8.8	27	11.3	24	77	56	78	70	31	6
April	666.7	659.1	10	674.0	25	4.0	7.8	5.1	5.5	−5.0	22	13.4	12. 13	84	68	83	78	33	26
Mai	672.4	662.1	7	678.0	31	8.1	14.8	10.3	10.8	2.8	1	22.5	22	86	57	77	73	28	3
Juni	673.0	662.3	17	680.1	8	8.1	13.5	9.2	10.0	1.4	6	20.8	9	92	68	90	83	37	8
Juli	673.9	669.5	1. 27	678.8	19	11.8	17.8	13.4	14.1	4.9	29	30.4	17	90	66	87	81	27	17
August	675.0	669.5	2	681.0	21	10.7	17.6	12.6	13.4	3.1	31	28.0	23	91	64	89	81	37	23
September	672.3	661.6	23	678.1	20	10.4	14.6	11.0	11.8	3.9	24	21.8	18	86	74	90	83	25	10
Oktober	671.8	664.0	16	678.9	6	3.9	7.2	4.9	5.3	−1.6	28	14.6	13	95	79	92	89	42	21
November	672.3	663.4	3	681.8	10	1.5	4.1	2.1	2.5	−6.0	21	16.2	6	85	78	84	82	33	24
Dezember	671.7	660.1	20	682.3	14	−0.6	1.3	0.3	0.3	−11.5	27	7.2	30	93	87	87	89	45	18
Jahr	672.5	651.7	I	685.0	II	4.5	9.1	5.6	6.2	−15.2	I	30.4	VII	87	69	84	80	25	II. IX

Freiburg.

$\lambda = 7°9'$, $\beta = 46°47'$, $H_b = 675^m$, $G = -$ m/m, $h_r = 1.6^m$

Januar	—	—	—	—	—	−2.0	2.2	−0.3	−0.1	−15.4	4	10.6	21	81	73	80	78	40	12
Februar	—	—	—	—	—	−2.0	3.5	0.4	0.6	−10.9	17	10.0	9. 13	84	70	80	78	40	20
März	—	—	—	—	—	0.1	6.8	2.8	3.1	−6.4	4	15.9	25	84	57	77	73	41	28
April	—	—	—	—	—	4.7	9.7	6.6	6.9	−0.2	20	16.0	14	89	67	82	79	43	26
Mai	—	—	—	—	—	10.9	17.1	12.7	13.4	5.3	2	22.7	21. 23	79	52	68	67	34	28
Juni	—	—	—	—	—	11.0	16.2	12.5	13.0	7.6	6. 18	21.8	9	83	57	73	71	32	28
Juli	—	—	—	—	—	14.4	20.2	16.2	16.8	9.8	29	27.0	16	81	58	73	71	41	31
August	—	—	—	—	—	13.9	20.3	15.8	16.4	6.8	31	28.2	22	88	61	75	75	40	17
September	—	—	—	—	—	11.1	16.4	12.7	13.2	6.5	14	23.0	17	93	72	88	84	50	4
Oktober	—	—	—	—	—	4.3	9.1	5.9	6.3	−0.7	29	15.3	7	97	75	94	89	52	27
November	—	—	—	—	—	1.4	5.0	2.5	2.9	−4.0	23	13.8	7	93	77	89	86	62	13. 25
Dezember	—	—	—	—	—	2.0	4.8	3.1	3.3	−6.3	27	11.6	14	86	75	87	83	60	18. 19
Jahr	—	—	—	—	—	5.8	10.9	7.6	8.0	−15.4	I	28.2	VIII	87	66	80	78	32	VI

Château d'Oex.

$\lambda = 7°7'$, $\beta = 46°29'$, $H_b =$ ca. 1010^m, $G = -$ m/m, $h_r = 1.5^m$

Januar	—	—	—	—	—	−2.8	2.7	−1.7	−0.9	−13.6	5	10.2	21	79	57	78	71	30	21
Februar	—	—	—	—	—	−3.5	5.1	−1.1	−0.1	−11.5	17	10.3	7	77	43	77	66	23	20
März	—	—	—	—	—	−2.2	7.1	0.5	1.5	−7.7	6	14.0	24	85	42	77	68	27	28
April	—	—	—	—	—	3.5	10.1	4.0	5.4	−1.8	3	16.5	14	82	51	88	74	22	3
Mai	—	—	—	—	—	9.2	16.8	9.2	11.1	2.9	1	21.8	20	67	42	79	63	30	3. 4
Juni	—	—	—	—	—	9.2	15.8	9.3	10.9	3.9	10	22.4	9	76	46	78	67	21	24
Juli	—	—	—	—	—	12.1	20.4	13.4	14.8	7.6	28	29.1	17	76	40	74	63	23	21
August	—	—	—	—	—	11.1	19.8	12.3	13.9	3.2	31	27.3	23	81	41	79	67	25	16. 19. 28
September	—	—	—	—	—	9.4	16.5	10.7	11.8	4.1	14	23.1	19	84	54	88	75	24	1. 4
Oktober	—	—	—	—	—	2.7	9.2	4.2	5.1	−2.5	29	14.2	7	95	58	91	81	30	23
November	—	—	—	—	—	−0.5	5.5	0.9	1.7	−7.7	21	13.8	5	89	60	88	79	33	24
Dezember	—	—	—	—	—	−0.7	2.9	0.1	0.6	−12.4	27	7.3	14	87	60	88	82	37	5
Jahr	—	—	—	—	—	4.0	11.0	5.1	6.3	−13.6	I	29.1	VII	82	50	82	71	21	VI

Beobachter: **A. Michel.**

Meiringen.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	●	●≥1.0	✳	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.3	4.7	5.1	5.0	58	18	8	6	6	3	—	—	5	10	11	0	0	12	0	0	0	5	8	68	Januar
4.0	3.9	3.9	3.9	31	16	22	5	5	2	—	—	1	11	6	0	0	0	0	0	1	3	1	79	Februar
5.2	5.2	4.3	4.9	83	41	2	8	6	4	—	—	2	9	6	0	0	6	0	0	0	10	4	73	März
6.9	7.0	7.7	7.2	81	25	30	12	11	3	—	—	4	2	13	0	0	18	0	0	0	14	1	57	April
4.2	5.7	6.1	5.3	43	15	1	8	6	—	—	1	0	3	4	0	0	6	0	0	0	7	7	73	Mai
5.7	6.2	7.4	6.4	233	54	17	18	17	—	—	—	2	2	9	0	0	0	0	0	0	12	8	70	Juni
5.0	5.6	6.4	5.7	70	17	28	14	10	—	—	2	0	3	6	0	0	0	2	0	0	9	9	73	Juli
4.9	4.6	5.3	4.9	160	35	2	12	11	—	—	2	1	6	4	0	0	0	0	0	0	15	3	75	August
6.4	6.3	5.7	6.1	170	40	23	17	17	—	—	—	3	2	9	0	0	1	0	0	0	9	4	76	September
7.5	5.4	6.4	6.4	70	24	15	11	11	—	—	—	6	4	13	0	0	3	0	0	0	16	2	72	Oktober
7.6	4.7	6.1	6.1	60	21	29	6	6	4	—	—	12	2	9	0	0	3	0	0	0	13	1	73	November
6.4	6.8	5.8	6.3	304	50	22	16	16	5	—	—	3	5	13	0	0	0	1	0	0	1	0	91	Dezember
5.8	5.5	5.8	5.7	1363	54	VI	133	122	21	—	5	39	59	103	0	0	49	3	0	1	114	48	880	Jahr

Beobachter: Frau **K. Fischer.**

Guttannen.

3.4	3.7	3.6	3.6	101	24	8	8	8	6	—	—	1	15	6	0	0	1	26	0	2	3	0	61	Januar
2.8	3.0	2.3	2.7	72	35	22	7	7	7	—	—	0	16	3	0	0	0	4	0	0	4	1	75	Februar
4.2	3.6	3.3	3.7	149	72	2	9	9	7	—	—	1	12	3	0	0	0	19	0	0	9	1	64	März
6.7	6.3	6.6	6.5	138	21	18	16	14	6	—	—	2	2	9	0	1	0	28	0	0	12	1	48	April
4.6	4.9	4.7	4.7	58	16	14	9	9	1	—	—	1	4	4	3	0	0	16	0	5	8	5	56	Mai
5.7	6.3	6.6	6.2	321	77	17	19	17	1	—	—	1	1	10	0	0	0	2	0	5	17	5	61	Juni
4.6	5.1	6.0	5.2	71	14	27	13	11	—	—	2	1	6	7	0	0	0	6	0	10	13	1	63	Juli
4.4	4.1	4.3	4.3	175	44	2	15	13	—	—	3	0	10	2	0	0	1	4	0	3	18	0	67	August
6.0	5.8	5.0	5.6	229	70	23	19	18	1	—	—	4	5	7	0	0	1	12	0	3	15	0	59	September
6.6	5.8	5.7	6.0	114	28	15	11	10	3	—	—	8	5	10	0	1	0	9	0	1	10	1	71	Oktober
5.6	4.2	4.7	4.8	94	36	18	9	8	6	—	—	3	6	5	0	0	1	21	0	2	0	1	65	November
6.2	6.4	5.4	6.0	393	71	21	16	16	10	—	—	0	4	13	1	0	0	3	0	8	0	3	78	Dezember
5.1	4.9	4.9	4.9	1915	77	VI	151	140	48	—	5	22	86	79	4	2	4	150	0	39	109	19	768	Jahr

Beobachter: **Physikal. Institut.**

Freiburg.

6.2	6.5	5.8	6.2	38	12	16	6	6	3	—	—	5	9	16	1	4	0	0	2	45	0	0	41	Januar
6.0	6.0	5.1	5.7	34	23	28	6	5	2	—	—	6	6	9	2	13	0	0	3	32	0	0	34	Februar
5.3	6.1	4.3	5.2	45	16	2	9	7	5	—	—	0	7	10	2	20	2	0	4	42	1	0	22	März
8.6	9.4	8.1	8.7	97	21	18	17	15	4	—	1	3	0	21	7	14	0	0	0	36	1	4	28	April
5.1	6.3	5.9	5.8	39	16	11	11	6	—	—	2	2	5	9	9	28	0	0	2	40	3	1	10	Mai
5.3	6.1	5.4	5.6	199	60	15	17	15	—	—	4	0	9	11	10	23	0	0	2	32	5	2	16	Juni
5.4	5.6	4.9	5.3	60	19	9	8	5	—	—	3	0	8	11	4	11	0	0	7	37	6	2	26	Juli
5.6	5.7	4.3	5.2	63	15	24	9	8	—	—	1	0	7	7	4	8	1	0	5	45	11	2	17	August
8.0	7.4	6.3	7.2	261	61	10	17	17	—	—	1	2	3	15	6	4	0	0	4	47	5	0	24	September
7.7	7.1	6.2	7.0	75	35	15	12	8	—	—	—	8	4	12	10	17	0	0	7	27	1	1	30	Oktober
9.3	7.5	8.2	8.3	40	13	29	7	7	1	—	—	15	0	16	1	27	0	0	2	22	1	1	36	November
7.9	8.2	7.7	7.9	142	36	23	16	15	7	—	—	5	1	20	1	5	0	0	4	62	0	1	20	Dezember
6.7	6.8	6.0	6.5	1093	61	IX	135	114	22	—	12	46	59	157	57	174	3	0	42	467	34	14	304	Jahr

Beobachter: **Sanatorium.**

Château d'Oex.

4.1	4.1	4.1	4.1	90	36	16	9	8	3	—	—	0	13	9	—	—	—	—	—	—	—	—	—	Januar
3.1	2.0	2.4	2.5	23	11	28	5	5	5	—	—	0	17	3	—	—	—	—	—	—	—	—	—	Februar
4.0	5.4	3.3	4.2	66	25*	2	8	8	6	—	—	0	10	7	—	—	—	—	—	—	—	—	—	März
7.7	8.2	7.2	7.7	68	14	30	14	13	5	—	—	0	2	19	—	—	—	—	—	—	—	—	—	April
3.8	5.5	3.7	4.3	82	25	11	14	13	—	—	5	0	6	1	—	—	—	—	—	—	—	—	—	Mai
5.2	5.7	4.4	5.1	150	29	21	15	14	—	—	—	0	9	10	—	—	—	—	—	—	—	—	—	Juni
4.3	3.9	4.1	4.1	94	32	9	10	9	—	—	1	0	12	7	—	—	—	—	—	—	—	—	—	Juli
4.5	4.2	3.4	4.0	88	32	6	10	10	—	—	4	0	10	5	—	—	—	—	—	—	—	—	—	August
7.0	6.1	4.3	5.8	226	31	10	17	16	—	—	1	0	6	12	—	—	—	—	—	—	—	—	—	September
6.3	5.2	5.9	5.8	65	27	15	9	6	3	—	—	1	5	10	—	—	—	—	—	—	—	—	—	Oktober
5.8	4.9	5.0	5.2	91	36	29	6	6	3	—	—	0	7	5	—	—	—	—	—	—	—	—	—	November
6.7	6.8	6.5	6.7	291	43	23	17	17	9	—	—	0	4	14	—	—	—	—	—	—	—	—	—	Dezember
5.2	5.2	4.5	5.0	1334	43	XII	134	125	34	—	11	11	101	102	—	—	—	—	—	—	—	—	—	Jahr

La Chaux-de-Fonds.

$\lambda = 6^\circ 50'$, $\beta = 47^\circ 7'$, $H_b = 986.5^m$, $G = -0.01$ m/m, $h_r = 1.3^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	678.8	658.6	8	690.5	25	−2.5	3.0	−1.7	−0.7	−16.9	5	9.7	20	82	75	81	79	47	31
Februar	682.6	664.9	28	690.8	23	−2.9	3.8	−0.9	−0.2	−11.8	17	9.8	24	82	69	81	77	44	2. 6
März	676.0	663.1	2	686.7	21	−1.3	5.6	1.0	1.6	−7.6	6	12.2	24	81	67	78	75	42	28
April	672.2	661.3	1	678.9	25	3.3	7.2	4.1	4.7	−2.2	19	15.6	13	83	75	82	80	48	13
Mai	678.0	667.2	7	683.9	23	9.5	14.7	10.3	11.2	4.8	2	21.3	20	78	68	77	74	44	31
Juni	678.9	668.0	17	686.1	8	9.4	13.9	9.9	10.8	5.2	18	19.1	14	76	65	75	72	42	5
Juli	679.5	675.5	27	684.3	19	12.8	18.3	13.8	14.7	7.1	29	28.9	17	75	61	73	70	38	17
August	680.7	674.7	3	686.5	21	11.9	17.5	12.8	13.8	3.2	31	26.4	22	78	64	75	72	46	23
September	677.8	666.7	23	684.5	20	9.7	14.8	10.5	11.4	3.5	14	22.3	16	80	70	80	77	36	4
Oktober	677.5	669.7	16	684.8	6	2.8	8.2	3.9	4.7	−2.6	28	15.2	23	84	74	81	80	56	3
November	677.8	670.0	3	687.7	9	0.2	5.7	1.4	2.2	−7.9	24	15.1	6	81	74	79	78	48	22
Dezember	677.2	665.1	20	687.9	14	0.7	4.1	1.5	2.0	−11.2	26	11.7	6	85	79	83	82	48	3
Jahr	678.1	658.6	I	690.8	II	4.5	9.7	5.5	6.3	−16.9	I	28.9	VII	80	70	79	76	36	IX

Lausanne (Champ de l'air).

$\lambda = 6^\circ 38'$, $\beta = 46^\circ 31'$, $H_b = 552.9^m$, $G = 0.01$ m/m, $h_r = 1.4^m$

Januar	716.9	696.2	8	728.1	25	−0.1	2.8	0.8	1.1	−11.0	4	12.3	20	82	73	79	78	37	20
Februar	720.3	702.5	28	727.5	23	−0.1	4.6	1.8	2.0	−7.6	16	12.3	23	84	67	78	76	47	7. 8
März	713.1	701.0	2	722.9	21	1.9	7.9	4.7	4.8	−2.6	27	13.8	25	78	57	70	68	36	28
April	708.8	699.4	14	715.8	26	6.0	11.0	7.7	8.1	0.4	22	17.5	14	84	63	75	74	40	26
Mai	713.7	703.3	6. 7	719.4	2. 23	12.4	18.8	14.1	14.8	8.1	1	25.0	19	72	50	61	61	34	4
Juni	714.8	703.5	17	721.1	8	12.5	18.5	13.9	14.7	8.2	10	24.8	8	74	54	67	65	33	4
Juli	715.1	710.9	11	720.0	19	15.9	22.0	17.3	18.1	10.6	28	28.9	17	69	52	63	61	38	7
August	716.1	709.9	3	721.3	21	15.4	21.7	17.0	17.8	9.9	31	28.8	23	81	54	70	68	39	26
September	713.9	703.3	23	720.9	20	12.4	16.9	13.7	14.2	7.8	24. 30	24.4	5	90	67	83	80	42	5. 13
Oktober	714.1	707.0	17	721.3	28	6.3	10.8	7.4	8.0	2.8	29	14.6	7	90	69	86	82	45	1. 2
November	715.0	706.5	3	724.2	10	3 5	6.3	4.2	4.6	−1.9	16	11.8	8	89	76	85	83	50	18
Dezember	714.9	703.4	19. 30	724.7	14	3.2	5.1	3.6	3.9	−3.2	27	11.5	14	87	77	89	85	51	25
Jahr	714.7	696.2	I	728.1	I	7.4	12.2	8.8	9.3	−11.0	I	28.9	VII	82	63	75	73	33	VI

Clarens (Montreux).

$\lambda = 6^\circ 54'$, $\beta = 46^\circ 27'$, $H_b = 376.2^m$, $G = 0.04$ m/m, $h_r = 1.6^m$

Januar	732.7	712.2	8	744.4	25	0.9	3.8	2.0	2.2	−7.9	5	13.4	20	79	70	79	76	31	21
Februar	737.5	717.2	28	743.8	23	0.8	5.4	2.6	2.9	−5.0	17	10.8	9	80	63	76	73	36	16
März	728.5	716.3	2	738.6	22	2.8	7.7	5.4	5.3	−1.1	27	12.1	22. 23	77	58	68	68	39	26. 27
April	724.1	713.9	14	731.4	26	7.0	10.1	8.8	8.7	2.6	22	14.8	13	84	65	75	74	37	13
Mai	728.6	717.6	6	735.1	2	12.3	16.8	15.5	15.0	8.6	2	21.4	24	78	53	53	61	27	28
Juni	729.9	718.0	17	736.6	8	12.8	17.2	15.6	15.3	9.2	6	21.1	26	77	55	61	64	30	5
Juli	730.0	725.5	1	735.1	19	16.4	20.7	18.9	18.8	11.6	28	26.6	20	70	51	56	59	31	25
August	731.1	724.5	3	736.3	21. 22	16.0	21.6	18.3	18.5	9.8	31	28.1	17	78	49	59	62	30	17
September	728.9	718.0	23	736.3	20	13.6	17.8	15.1	15.4	8.8	30	24.4	19	84	61	77	74	32	13
Oktober	729.4	721 9	15	737.2	29	7.5	12.2	9.1	9.5	2.7	31	15.9	5	90	61	81	77	28	2
November	730.6	721.5	3	739.8	10	4.4	7.9	5.9	6.0	−1.5	22. 24	13.7	11	86	68	82	79	44	19
Dezember	730.6	718.1	30	740.3	14	3.7	6.6	4.3	4.7	−3.7	30	10.6	30	83	70	85	79	40	25. 27
Jahr	730.2	712.2	I	744.4	I	8.2	12.3	10.1	10.2	−7.9	I	28.1	VIII	80	60	71	70	27	V

Siders.

$\lambda = 7^\circ 32'$, $\beta = 46^\circ 18'$, $H_b = 551.6^m$, $G = 0.00$ m/m, $h_r = 1.2^m$

Januar	717.9	696.7	8	729.6	25	−1.6	3.9	−0.5	0.3	−12.0	12	12.0	22	83	67	80	77	34	21
Februar	720.9	704.1	28	729.1	24	−1.4	7.7	1.3	2.2	−7.0	17	13.4	23	82	42	72	65	15	16
März	713.5	700.4	2	724.4	22	1.7	10.6	4.7	5.4	−3.2	6	16.0	24	78	43	71	64	25	19
April	708.9	700.1	14	717.7	26	7.1	14.4	8.7	9.7	1.6	21	19.2	12	74	44	66	61	23	27
Mai	713.8	704.6	7	720.2	23	13.4	22.3	14.4	16.1	8.8	1	27.2	20. 21 22	66	34	55	52	20	4
Juni	714.4	703.1	17	721.6	8	13.5	20.5	14.3	15.7	10.0	10. 11. 12 18. 21	26.4	9	71	46	65	61	21	4
Juli	714.7	710.9	9	719.6	19	17.6	23.9	18.2	19.5	13.0	27	31.1	17	65	46	60	57	25	31
August	715.9	709.9	4	722.3	22	16.0	24.1	17.1	18.6	9.4	31	32.0	23	72	45	66	61	34	22
September	714.1	702.1	23	720.1	14. 15	13.2	19.5	13.6	15.0	9.0	30	24.6	17	84	61	83	76	30	1
Oktober	714.4	706.8	17	722.4	16	5.9	12.9	7.2	8.3	−1.0	31	18.0	23	90	61	85	79	39	21
November	715.4	706.4	3	724.8	10	1.8	8.6	3.5	4.3	−5.7	23	20.0	6	86	58	84	76	31	6
Dezember	715.5	703.6	31	725.5	14	0.0	4.3	1.3	1.7	−9.3	27	10.6	14	90	77	89	85	59	5
Jahr	715.0	696.7	I	729.6	I	7.3	14.4	8.6	9.7	−12.0	I	32.0	VIII	78	52	73	68	15	II

Beobachter: **L. Leuba.**

La Chaux-de-Fonds.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⌇	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.8	5.5	4.9	5.4	111	17	7	13	10	7	—	—	1	9	12	1	14	1	2	36	30	0	0	9	Januar
4.5	4.9	4.1	4.5	44	22	28	9	7	6	—	—	0	8	7	5	20	2	3	29	20	0	1	4	Februar
5.1	5.8	4.1	5.0	65	19	30	11	10	9	—	—	2	5	8	9	25	10	7	27	11	0	1	3	März
8.4	9.2	8.3	8.6	142	27	14	19	16	10	1	1	2	1	21	4	26	3	0	14	31	2	1	9	April
5.3	7.1	5.1	5.8	59	13	11	12	9	—	—	5	0	2	8	5	38	6	3	10	26	1	0	4	Mai
5.3	6.6	4.4	5.4	185	42	21	15	14	—	2	4	2	8	9	10	36	1	1	4	28	3	5	2	Juni
5.3	5.6	4.1	5.0	59	15	27	11	7	—	—	2	2	9	6	2	23	1	0	15	46	2	4	0	Juli
5.1	5.5	3.2	4.6	72	26	6	10	9	—	—	3	0	8	6	6	23	0	0	6	52	2	2	2	August
7.3	6.9	6.2	6.8	258	53	23	17	17	—	—	3	1	2	11	3	6	1	1	18	57	0	0	4	September
6.6	6.0	5.3	6.0	71	29	15	13	12	4	—	—	1	6	10	10	29	4	3	11	25	6	1	4	Oktober
5.8	6.1	4.8	5.6	91	25	28	10	8	3	—	—	2	7	9	2	23	9	4	19	26	1	2	4	November
8.1	8.0	6.9	7.7	353	73	23	20	18	13	—	—	3	1	19	0	3	2	7	30	34	0	1	16	Dezember
6.1	6.4	5.1	5.9	1510	73	XII	160	137	52	3	18	16	66	126	57	266	40	31	219	386	17	18	61	Jahr

Beobachter: **D. Valet.**

Lausanne (Champ de l'air).

6.5	6.4	6.2	6.4	76	20	7	12	9	4	—	—	7	4	12	4	7	8	1	1	17	10	2	43	Januar
5.5	4.6	3.8	4.6	16	12	28	6	2	—	—	—	7	9	8	9	15	9	3	0	12	4	1	31	Februar
4.0	4.3	2.7	3.7	59	27	2	10	7	4	—	—	1	11	4	8	12	13	0	3	15	8	2	32	März
6.8	7.0	6.7	6.8	86	20	18	13	12	3	—	1	0	2	11	3	11	3	2	1	12	11	2	45	April
3.2	3.7	3.3	3.4	20	12	11	6	4	—	—	3	0	13	4	6	23	7	2	4	16	8	4	23	Mai
4.1	3.6	3.4	3.7	192	37	21	12	12	—	—	1	0	11	5	10	26	6	3	7	16	7	1	14	Juni
3.5	2.9	3.4	3.3	65	24	10	9	8	—	—	2	0	13	1	12	13	0	1	4	25	8	4	26	Juli
3.5	2.9	2.6	3.0	47	21	24	9	7	—	—	2	0	16	3	5	22	5	2	4	17	10	4	24	August
6.3	5.3	5.1	5.6	246	48	23	18	17	—	—	7	0	6	6	5	15	3	0	1	22	9	2	33	September
5.6	4.3	5.2	5.0	55	24	15	8	7	—	—	—	0	6	8	5	36	9	1	4	14	5	2	17	Oktober
7.8	6.1	7.2	7.0	100	35	29	8	7	—	—	—	3	1	15	9	20	7	1	3	5	3	1	41	November
7.5	7.4	7.2	7.4	154	21	22	16	16	3	—	—	3	2	17	2	4	5	5	3	18	12	5	39	Dezember
5.4	4.9	4.7	5.0	1116	48	IX	127	108	14	—	16	21	94	94	78	204	75	21	35	189	95	30	368	Jahr

Beobachter: **C. Bührer.**

Clarens (Montreux).

7.3	6.2	6.8	6.8	61	16	7	9	9	3	—	1	3	6	18	1	0	0	2	6	0	0	1	83	Januar
5.0	4.4	3.9	4.4	23	13	28	5	4	—	—	—	1	10	8	0	1	0	1	0	0	1	0	81	Februar
3.6	3.7	2.6	3.3	49	20	2	8	6	2	—	—	0	17	5	2	0	0	1	1	0	1	1	87	März
7.4	7.4	7.5	7.4	91	23	18	13	13	—	—	1	0	3	16	0	0	0	0	0	4	0	2	84	April
3.6	4.2	3.7	3.8	44	17	18	10	9	—	1	4	0	11	6	2	3	0	0	4	1	0	0	83	Mai
4.5	4.2	3.9	4.2	150	39	15	14	11	—	—	2	0	12	7	1	1	0	1	3	1	0	4	79	Juni
3.1	3.9	4.1	3.7	86	27	10	8	7	—	1	1	0	14	5	5	2	1	0	3	2	0	3	77	Juli
3.8	2.9	3.3	3.3	49	14	24	8	7	—	—	4	0	16	6	1	0	0	1	2	0	0	4	85	August
6.5	5.3	5.5	5.8	228	25	23	17	16	—	—	7	0	6	13	1	0	0	0	2	2	1	2	82	September
5.7	4.2	5.6	5.2	63	32	15	11	8	—	—	—	0	8	7	0	3	0	0	2	1	1	2	84	Oktober
6.3	6.3	7.1	6.6	56	23	29	7	7	—	—	—	0	3	14	0	1	0	1	2	0	2	0	84	November
7.3	6.5	6.9	6.9	188	37	22	16	15	3	—	—	4	2	15	0	0	1	1	7	2	1	1	80	Dezember
5.3	4.9	5.1	5.1	1088	39	VI	126	112	8	2	20	8	108	120	13	11	2	8	32	13	7	20	989	Jahr

Beobachter: **F. de Courten.**

Siders.

4.7	4.2	4.3	4.4	43	13	15	8	8	7	—	—	1	13	10	0	3	0	0	0	1	0	0	89	Januar
2.4	2.3	1.2	2.0	3	4	28	3	2	—	—	—	0	20	0	0	0	0	0	0	0	1	0	83	Februar
4.3	4.4	2.4	3.7	63	42	2	5	5	2	—	—	0	13	4	0	6	0	0	0	4	0	0	83	März
6.7	7.4	5.8	6.6	55	17	21	9	8	2	—	—	0	1	10	0	14	0	0	0	11	1	0	64	April
3.2	5.2	2.8	3.7	10	7	14	2	2	—	—	—	0	7	1	0	7	0	0	0	7	0	1	78	Mai
4.4	5.3	4.2	4.6	99	33	10	13	10	—	—	—	0	10	8	0	2	0	0	0	8	3	0	77	Juni
4.0	4.0	3.1	3.7	20	10	10	5	4	—	—	1	0	13	5	0	2	0	0	0	4	1	0	86	Juli
3.5	3.4	3.3	3.4	52	18	2	8	7	—	—	2	0	13	4	1	0	0	0	0	4	4	0	84	August
6.6	6.3	4.2	5.7	95	26	10	16	16	—	—	—	0	6	9	0	0	0	0	0	1	1	0	88	September
6.0	4.7	4.9	5.2	31	11	15	6	6	—	—	—	0	7	9	0	3	0	0	0	1	1	0	88	Oktober
4.7	4.0	3.2	4.0	47	17	29	4	4	4	—	—	0	10	4	0	1	0	0	0	1	0	0	88	November
5.8	6.1	5.0	5.6	243	58	22	16	14	5	—	—	1	7	11	0	0	0	0	0	2	0	0	91	Dezember
4.7	4.8	3.7	4.4	761	58	XII	95	86	20	—	3	2	120	75	1	38	0	0	0	44	12	1	999	Jahr

Reckingen.

$\lambda = 8°14'$, $\beta = 46°28'$, $H_b = 1332.4^m$, $G = -0.08$ m/m, $h_r = 1.6^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	650.0*	—	—	661.3	25	-6.0*	0.5*	-4.5*	-3.6*	-18.2	12	6.0	18	—	—	—	—	—	—
Februar	653.4	638.9	29	660.6	10. 24	-8.5	1.9	-4.8	-4.0	-17.0	17	8.6	24	79	51	70	67	28	26
März	647.5	635.2	2	656.2	22	-6.0	4.3	-2.0	-1.4	-12.4	27	11.0	25	86	49	71	69	29	27
April	644.2	636.8	10	651.4	25. 26	0.4	6.8	2.0	2.8	-6.5	23	11.6	29	87	55	79	74	35	23. 26
Mai	649.6	641.6	7	655.7	22	6.5	14.8	7.5	9.1	0.8	14	20.4	23	76	42	63	60	29	4. 23
Juni	649.9	642.5	17	656.5	9	7.5	14.6	8.2	9.6	-0.2	6	21.6	9	77	48	69	65	29	2
Juli	651.2	646.3	27	655.0	19	10.5	19.7	11.9	13.5	6.2	29	28.7	17	78	42	67	62	25	21
August	652.0	644.6	6	658.9	22	9.2	19.0	11.2	12.6	-1.2	31	27.4	22	83	42	68	64	29	22
September	650.0	639.5	23	654.5	15	7.1	15.6	9.0	10.2	1.4	14	22.0	16	92	53	81	75	29	15. 16
Oktober	648.7	641.2	16	654.8	7	1.3	8.5	2.7	3.8	-4.2	29. 30	16.0	10	93	58	84	78	25	6
November	649.3	643.6	27	659.2	10	-2.9	5.2	-0.9	0.1	-10.4	20	13.6	5	86	52	78	72	34	10
Dezember	648.7	636.9	19	659.5	16	-5.5	-0.8	-4.4	-3.8	-21.2	27	5.0	14	92	76	89	86	58	7
Jahr	649.5	—	—	661.3	I	1.1	9.2	3.0	4.1	-21.2	XII	28.7	VII		—	—	—	25	VII.X

Grono.

$\lambda = 9°9'$, $\beta = 46°15'$, $H_b = 335^m$, $G = -0.04$ m/m, $h_r = 1.3^m$

Januar	—	—	—	—	—	-0.1	3.8	1.4	1.6	-8.4	5	9.6	28	74	61	69	68	22	9
Februar	—	—	—	—	—	1.9	8.5	4.5	4.9	-5.2	16	20.0	23	57	40	49	49	15	5
März		—	—	—	—	3.4	10.5	6.1	6.5	0.0	7. 9. 27	17.8	22	76	47	63	62	23	22
April	—	—	—	—	—	8.4	12.0	8.5	9.3	3.4	1	16.2	15	87	62	87	78	26	23
Mai	—	—	—	—	—	14.2	20.5	15.2	16.3	10.2	3. 8	26.4	23. 25	70	44	61	58	22	10
Juni	—	—	—	—	—	14.4	20.6	15.9	16.7	10.0	6	25.8	22	70	43	59	57	22	2. 13
Juli		—	—	—	—	18.4	24.8	20.2	20.9	15.0	10. 28	30.0	19	67	45	57	56	25	6
August	—	—	—	—	—	17.6	24.4	19.3	20.1	10.0	31	29.0	22. 23	63	44	55	54	27	7. 23
September	—	—	—	—	—	15.2	20.6	16.4	17.2	10.8	1	25.0	13	83	61	79	75	37	3. 13. 14
Oktober	—	—	—	—	—	8.5	13.1	9.0	9.9	2.2	31	19.0	7	84	64	86	77	24	27
November	—	—	—	—	—	4.1	7.5	5.3	5.5	-2.4	24	14.0	13	83	65	75	74	22	19
Dezember	—	—	—	—	—	2.1	5.3	3.0	3.3	-1.8	3. 4	13.6	13	76	66	79	74	21	1
Jahr	—	—	—	—	—	9.0	14.3	10.4	11.0	-8.4	I	30.0	VII	74	54	68	65	15	II

Bellinzona.

$\lambda = 9°1'$, $\beta = 46°12'$, $H_b = 236.6^m$, $G = -$ m/m, $h_r = 1.6^m$

Januar	—	—	—	—	—	-0.3	4.8	0.9	1.6	-7.4	5	10.2	28	79	57	76	71	23	9
Februar	—	—	—	—	—	1.0	9.4	2.7	4.0	-4.7	19	21.0	23	74	40	64	59	13	15
März	—	—	—	—	—	3.5	10.7	6.3	6.7	-0.3	30	18.4	24	80	49	68	66	25	26
April	—	—	—	—	—	8.0	11.8	8.7	9.3	3.0	22	16.4	15	88	61	83	77	29	23
Mai		—	—	—	—	13.0	21.8	14.4	15.9	4.1	9. 13	29.0	23	78	44	65	62	23	10
Juni	—	—	—	—	—	15.0	23.1	16.5	17.8	10.3	5	30.0	2	69	43	61	58	20	23
Juli	—	—	—	—	—	18.9	25.8	20.4	21.4	12.5	31	31.1	19. 21	72	53	74	67	33	28
August	—	—	—	—	—	17.3	25.1	19.4	20.3	10.3	31	32.0	19	73	49	73	65	22	16
September	—	—	—	—	—	14.6	21.3	16.8	17.3	9.3	14	27.2	21	87	62	87	79	26	13
Oktober	—	—	—	—	—	8.1	14.2	9.6	10.4	1.1	31	19.4	7	88	61	87	79	29	27
November	—	—	—	—	—	3.4	8.7	4.9	5.5	-3.3	25	16.3	9	89	62	83	78	28	19
Dezember	—	—	—	—	—	0.7	6.3	1.9	2.7	-3.8	28	18.2	13	81	60	82	74	23	1
Jahr	—	—	—	—	—	8.2	15.3	10.2	11.1	-7.4	I	32.0	VIII	80	53	75	70	13	II

Locarno (Muralto).

$\lambda = 8°48'$, $\beta = 46°10'$, $H_b = 238.7^m$, $G = 0.05$ m/m, $h_r = 1.2^m$

Januar	746.2	723.9	8	758.0	25	1.4	5.4	3.7	3.1	-5.0	5	10.0	14	67	59	64	63	13	9
Februar	747.1	733.5	28	755.2	1	2.7	9.5	5.4	5.8	-2.0	19	20.6	23	53	39	48	47	5	15
März	741.4	729.6	26	748.7	19	4.7	11.2	7.5	7.7	1.8	9	17.8	24	68	44	58	57	13	26
April	737.3	727.2	19	746.8	25	8.5	11.8	9.4	9.8	3.4	22	15.2	23	84	66	77	76	25	23
Mai	740.6	731.7	9	746.7	21. 31	14.2	20.4	15.7	16.5	9.4	14	27.2	24. 26	74	45	63	61	19	25
Juni	740.2	732.8	17	748.3	8	15.7	21.0	17.2	17.8	11.6	6	25.8	2	67	45	56	56	12	23
Juli	740.3	734.2	27	743.8	19	18.8	24.7	20.8	21.3	16.0	11. 28 30	30.6	19	70	46	63	60	23	28. 29
August	741.4	734.8	6	750.0	22	17.9	24.3	19.6	20.4	13.0	31	29.2	24	70*	45*	65*	60*	—	—
September	740.4	728.4	23	746.9	15	15.5	20.5	17.1	17.6	13.0	14. 15	23.0	3. 5	89	67	83	80	31	13
Oktober	740.8	730.5	15	749.5	21	9.1	13.6	10.1	10.7	4.0	31	18.4	1	88	69	84	80	32	27
November	743.7	735.1	29	751.9	10	5.0	8.8	6.1	6.5	-1.4	24	14.6	10	86	71	83	80	45	19
Dezember	741.2	728.4	19	752.7	15	2.5	6.5	3.5	4.0	-1.2	27	9.8	25	83	71	78	77	25	25
Jahr	741.7	723.9	1	758.0	1	9.7	14.8	11.3	11.8	-5.0	I	30.6	VII	75	55	68	66	5	II

Beobachter: **A. Briw.** **Reckingen.**

Bewölkung 7³⁰	13³⁰	21³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≧1.0	*	▲	⌇	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1918
4.3	4.2	4.3	4.3	65	?	?	7	7	6	—	—	0	14	9	0	0	1	2	4	0	0	0	86	Januar
2.2	2.5	2.1	2.3	16	10	22	4	4	14	—	—	0	17	1	0	2	2	3	0	0	1	0	76	Februar
4.8	5.3	4.4	4.8	108	51	2	12	8	11	—	—	0	8	8	0	0	6	5	6	2	1	0	73	März
8.2	8.3	8.0	8.2	139	47	9	15	15	4	—	—	0	0	21	0	0	4	11	4	1	0	0	70	April
4.1	5.1	4.7	4.6	40	31	14	5	4	1	—	—	1	8	4	3	16	6	15	3	2	0	1	47	Mai
5.2	5.3	4.8	5.1	219	75	17	11	11	1	—	—	0	7	10	4	18	11	2	3	2	5	0	45	Juni
3.5	3.9	3.7	3.7	19	7	23	5	4	—	—	1	0	11	4	5	15	4	0	4	4	7	1	53	Juli
4.8	3.8	3.5	4.0	59	22	2	8	7	—	—	—	0	8	4	4	15	2	0	6	5	10	0	51	August
5.8	5.7	5.0	5.5	144	53	23	17	16	—	—	—	1	4	7	3	3	3	1	1	9	8	2	60	September
6.4	6.1	5.5	6.0	135	30	22	14	11	3	—	—	1	6	11	7	3	1	0	4	0	15	3	60	Oktober
4.2	3.9	4.5	4.2	71	27	28	6	5	4	—	—	2	10	4	0	4	1	1	13	3	6	1	61	November
6.2	6.7	6.0	6.3	282	45	22	15	15	15	—	—	0	7	15	1	3	0	1	0	1	11	4	72	Dezember
5.0	5.1	4.7	4.9	1297	75	VI	119	107	49	—	1	5	100	98	27	79	41	41	48	29	64	12	754	Jahr

Beobachter: **V. Schneller.** **Grono.**

4.2	4.3	3.2	3.9	19	7	22	6	5	1	—	—	0	13	7	—	—	—	—	—	—	—	—	—	Januar
3.1	2.7	1.7	2.5	7	7	28	1	1	—	—	—	0	15	2	—	—	—	—	—	—	—	—	—	Februar
4.2	4.1	3.8	4.0	157	77	2	9	9	3	—	—	0	13	7	13	4	0	12	7	5	2	6	44	März
8.4	8.9	8.2	8.5	190	43	1	21	19	—	—	—	0	2	21	17	0	0	5	0	0	2	6	60	April
3.5	4.5	2.9	3.6	87	13	6	12	11	—	—	2	0	14	6	17	3	0	17	3	2	1	5	45	Mai
3.9	5.0	3.7	4.2	123	26	15	12	10	—	1	1	0	11	7	9	2	0	11	8	0	3	4	53	Juni
2.6	2.3	2.6	2.5	135	48	10	7	6	—	—	—	0	18	3	7	3	0	9	5	1	1	6	61	Juli
3.2	2.9	1.0	2.4	108	67	3	6	5	—	—	—	0	18	2	9	4	2	12	7	1	0	0	58	August
4.7	4.7	2.7	4.0	231	48	24	16	14	—	—	—	0	11	6	3	5	0	11	9	2	0	0	60	September
5.8	5.8	5.2	5.6	128	22	16	15	15	—	—	—	0	10	13	11	5	0	2	4	0	1	5	65	Oktober
5.0	4.7	3.7	4.5	48	16	6	8	8	—	—	—	0	12	8	5	4	1	1	7	7	3	10	52	November
3.4	3.1	3.2	3.2	32	11	31	8	7	3	—	—	0	13	3	8	5	0	4	6	2	8	6	54	Dezember
4.3	4.4	3.5	4.1	1265	77	III	121	110	7	1	3	0	150	85	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **A. Lienhard.** **Bellinzona.**

3.7	4.3	2.7	3.6	6	3	21	3	3	1	—	—	3	16	7	12	14	1	0	3	2	1	0	60	Januar
1.5	2.1	0.9	1.5	6	6	28	1	1	—	—	—	0	20	1	17	6	2	1	5	8	1	0	44	Februar
4.3	4.3	3.5	4.0	140	68	2	8	8	3	—	—	2	12	6	15	4	0	1	15	11	2	1	44	März
7.9	8.7	7.1	7.9	183	36	1	25	20	—	—	—	1	0	17	11	3	0	3	17	8	0	0	48	April
4.0	4.7	3.6	4.1	76	15	6	14	13	—	—	5	0	12	5	25	4	0	0	19	12	1	0	32	Mai
4.1	4.6	3.8	4.2	129	41	16	14	12	—	1	2	0	8	7	23	8	1	0	14	8	1	0	35	Juni
3.2	4.0	3.3	3.5	174	79	10	8	8	—	—	7	0	12	2	25	3	1	0	15	9	0	0	40	Juli
2.9	2.6	1.7	2.4	125	65	3	5	5	—	—	5	0	16	2	25	5	3	0	18	5	0	0	37	August
5.2	5.0	3.9	4.7	243	34	7	15	14	—	—	3	0	9	6	26	3	0	0	20	5	0	0	36	September
5.7	5.4	5.0	5.4	161	29	16	15	15	—	—	1	0	10	10	23	5	2	1	12	5	0	0	45	Oktober
4.9	4.6	4.7	4.7	67	23	6	6	5	—	—	—	0	10	8	32	1	3	1	9	3	0	0	41	November
3.9	4.8	4.1	4.3	37	13	31	8	6	3	—	—	5	12	4	24	5	4	1	3	2	0	0	54	Dezember
4.6	4.6	3.7	4.2	1347	79	VII	122	110	7	1	23	11	137	75	258	61	17	8	150	78	6	1	516	Jahr

Beobachter: **G. Mariani.** **Locarno** (Muralto).

4.0	3.5	3.1	3.5	46	20	22	9	8	1	—	—	1	16	8	0	0	0	0	0	0	0	1	92	Januar
1.8	1.7	1.6	1.7	14	14	28	1	1	—	—	—	0	20	1	1	1	1	0	0	2	0	0	79	Februar
4.4	4.5	4.0	4.3	153	73	2	9	8	2	—	1	0	11	6	0	1	0	0	0	1	2	0	89	März
8.3	8.3	8.0	8.2	278	49	9	25	22	—	—	1	0	0	20	0	0	0	0	0	1	0	0	89	April
3.8	4.2	4.3	4.1	144	21	14	14	13	—	1	4	0	10	6	0	0	0	0	0	1	4	0	88	Mai
4.6	4.1	4.4	4.4	189	74	16	14	11	—	—	2	0	8	7	0	2	1	0	0	1	5	2	79	Juni
3.5	4.3	3.6	3.8	294	101	9	7	7	—	—	6	0	13	3	0	0	0	0	1	1	2	1	88	Juli
3.9	3.1	2.6	3.2	209	128	3	5	5	—	—	3	0	14	2	0	0	0	0	1	0	0	0	92	August
5.2	4.7	4.2	4.7	337	75	24	16	16	—	—	—	0	8	5	0	0	0	0	0	0	1	0	89	September
5.7	5.2	5.5	5.5	230	40	14	15	14	—	—	1	0	10	12	1	0	0	0	1	0	1	0	90	Oktober
5.5	4.8	4.3	4.9	101	35	4	5	5	—	—	—	0	8	6	0	0	0	0	0	0	0	0	90	November
3.0	3.5	3.6	3.4	32	11	30	7	6	2	—	—	1	12	3	0	0	0	0	0	0	0	0	93	Dezember
4.5	4.3	4.1	4.3	2027	128	VIII	127	116	5	1	18	2	130	79	2	4	2	0	3	7	15	4	1058	Jahr

Monte Generoso.

$\lambda = 9^\circ 1'$, $\beta = 45^\circ 56'$, $H_b = 1610.4^m$, $G = -0.13$ m/m, $h_r = 1.4^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	629.1	608.1	8	640.7	25	−2.5	−0.5	−2.2	−1.9	−13.8	9	6.0	26	70	64	68	67	18	27.28
Februar	630.8	618.6	28	637.8	2	−0.7	2.0	−0.1	0.3	−13.0	16	10.0	23	49	50	54	51	11	5
März	625.7	614.3	2	633.4	21	−1.7	1.3	−0.9	−0.6	−8.0	22	7.0	22	75	74	73	74	30	24
April	623.2	614.9	19	631.5	25	0.8	2.5	1.2	1.4	−3.8	23	5.6	24	93	98	95	95	70	23
Mai	628.8	620.7	10	635.6	21	6.8	9.9	6.9	7.6	1.4	28	17.8	24	76	78	79	78	30	23.25
Juni	628.8	623.5	17	638.2	8	7.5	11.4	7.7	8.6	−0.4	5	20.4	9	69	69	74	71	25	2.30
Juli	630.3	625.1	27	634.4	19	12.6	16.9	13.1	13.9	7.0	1	27.0	21	67	68	70	68	28	29
August	631.0	624.0	7	639.9	22	11.5	18.1	12.5	13.7	7.0	4	24.8	22	63	61	63	62	14	11
September	629.6	619.7	23	634.5	15	10.0	13.6	10.6	11.2	6.2	14	18.2	26	87	84	83	85	42	15
Oktober	627.0	617.3	16	634.5	21	3.9	5.9	3.7	4.3	−0.9	2	12.0	5	83	82	84	83	42	7
November	628.0	621.3	29	636.7	10	−0.9	1.1	−0.7	−0.3	−8.4	17	8.8	9. 10	79	77	77	78	44	25
Dezember	626.1	614.2	31	637.4	15	0.5	2.6	0.7	1.1	−6.0	22	10.2	4	67	63	68	66	25	2
Jahr	628.2	608.1	I	640.7	I	4.0	7.1	4.3	4.9	−13.8	I	27.0	VII	73	72	74	73	11	II

Bernhardin.

Abendbeobachtung: 20^{30} $\lambda = 9^\circ 10'$, $\beta = 46^\circ 30'$, $H_b = 2073^m$, $G = -0.16$ m/m, $h_r = 7.9^m$

Januar	595.1	576.5	8	605.3	25	−6.8	−4.4	−6.5	−6.0	−21.8	9	2.1	29	57	54	56	56	1	5
Februar	596.0	583.3	28	603.1	10	−6.2	−1.7	−5.5	−4.7	−21.0	16	4.6	24	38	27	34	33	4	21
März	591.0	580.3	1	599.1	21	−6.3	−1.4	−5.0	−4.4	−14.5	27	6.1	24	64	48	63	58	6	28
April	588.6	581.7	10	595.4	25	−1.6	2.9	−2.0	−0.5	−7.9	22	8.5	28	76	48	92	72	20	22
Mai	594.6	586.7	7	600.6	22	3.8	7.5	3.0	4.4	−2.2	14	14.5	23	53	33	62	50	11	4
Juni	594.7	588.8	17	601.7	8	3.5	7.0	3.7	4.2	−3.5	23	12.7	9	64	39	63	55	2	23
Juli	596.8	591.7	27	601.1	19	7.8	11.4	7.9	8.5	1.2	28	19.0	17	63	42	69	58	10	21
August	597.6	590.9	7	605.4	21	7.3	11.2	7.8	8.4	0.0	30	17.7	22	57	37	65	53	5	31
September	595.7	585.2	23	600.2	17.19	6.1	8.6	6.1	6.6	0.2	30	13.6	19	68	61	77	69	12	17
Oktober	593.1	585.1	16	599.7	6	−0.6	2.2	−0.5	0.2	−5.3	2	9.2	6	66	53	67	62	1	6.28 30.31
November	593.1	587.4	27	602.3	10	−4.4	−1.9	−4.0	−3.6	−10.8	20	5.7	11	58	53	61	57	1	20.21
Dezember	591.7	581.0	19.20	602.2	14	−3.8	−1.9	−3.5	−3.2	−13.6	26	6.1	6	54	50	50	51	1	2. 5
Jahr	594.0	576.5	I	605.4	VIII	−0.1	3.3	0.1	0.8	−21.8	I	19.0	VII	60	45	63	56	1	I. X XI. XII

St. Moritz.

$\lambda = 9^\circ 50'$, $\beta = 46^\circ 30'$, $H_b = 1840.3^m$, $G = -0.14$ m/m, $h_r = 2.7^m$

Januar	—	—	—	—	—	−6.9	−2.2	−6.1	−5.3	−19.8	4	3.8	27	79	67	79	75	38	6. 14
Februar	—	—	—	—	—	−7.3	−0.5	−6.1	−5.0	−16.2	16	5.4	23	68	49	69	62	30	20.27
März	—	—	—	—	—	−5.9	1.3	−5.1	−3.7	−11.8	27	4.8	25.27	85	59	83	76	30	27
April	—	—	—	—	—	0.1	3.8	−0.3	0.8	−7.2	21	6.8	17	88	72	94	85	40	23
Mai	—	—	—	—	—	5.6	10.5	4.6	6.3	1.4	28	17.4	24	76	56	82	71	29	4
Juni	—	—	—	—	—	7.0	10.7	5.5	7.2	−1.2	5	15.6	9	73	62	81	72	30	9
Juli	—	—	—	—	—	10.5	15.4	9.7	11.3	5.4	1	22.2	18	74	53	81	69	28	31
August	—	—	—	—	—	9.8	15.2	8.7	10.6	1.8	30	20.8	22	73	49	77	66	22	31
September	—	—	—	—	—	8.2	12.8	8.1	9.3	1.6	30	18.3	18	88	66	90	81	34	21
Oktober	—	—	—	—	—	0.6	5.4	1.0	2.0	−4.8	28	11.6	6	89	65	87	80	30	6
November	—	—	—	—	—	−4.2	1.1	−3.3	−2.4	−11.0	20	7.4	9	87	67	86	80	40	11. 12
Dezember	—	—	—	—	—	−3.9	0.1	−4.1	−3.0	−16.8	27	5.4	30	83	68	80	77	36	2
Jahr	—	—	—	—	—	1.1	6.1	1.0	2.3	−19.8	I	22.2	VII	80	61	82	74	22	VIII

Sils-Maria.

$\lambda = 9^\circ 46'$, $\beta = 46^\circ 26'$, $H_b = 1813.6^m$, $G = -$ m/m, $h_r = 1.5^m$

Januar	—	—	—	—	—	−10.0	−3.7	−8.7	−7.8	−22.0	9	1.2	17	85	62	83	77	36	4
Februar	—	—	—	—	—	−10.7	−1.4	−8.1	−7.1	−18.8	16	5.0	24	75	48	73	65	34	20
März	—	—	—	—	—	−7.5	0.2	−5.2	−4.4	−13.0	28	6.0	23	83	59	82	75	35	13.27
April	—	—	—	—	—	−0.5	3.9	−0.1	0.8	−10.0	22	6.2	30	86	67	95	83	45	23
Mai	—	—	—	—	—	4.3	9.4	5.0	5.9	0.4	3. 4	14.8	23	82	54	80	72	31	19
Juni	—	—	—	—	—	6.1	10.2	6.3	7.2	0.0	5. 6	14.0	14	74	57	77	69	35	2. 3 4. 13
Juli	—	—	—	—	—	9.3	14.5	10.3	11.1	4.2	1	20.8	17	79	58	81	73	35	30
August	—	—	—	—	—	7.7	14.0	9.2	10.0	0.6	31	19.6	18	85	58	81	75	36	19
September	—	—	—	—	—	5.8	11.5	7.6	8.1	0.0	14	15.6	19	95	70	89	84	40	13
Oktober	—	—	—	—	—	−0.2	4.7	0.5	1.4	−5.8	28	10.2	6. 7	90	61	89	80	25	28
November	—	—	—	—	—	−5.2	0.0	−3.9	−3.3	−12.6	24	7.0	12	92	68	86	82	35	12
Dezember	—	—	—	—	—	−6.1	−0.8	−5.1	−4.3	−16.6	26.27	5.1	29	88	64	85	79	45	7.9.15
Jahr	—	—	—	—	—	−0.6	5.2	0.7	1.5	−22.0	I	20.8	VII	85	60	83	76	25	X

Beobachter: **G. Capitani.** **Monte Generoso.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●	●≥1.0	✳	▲	⚠	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.6	5.2	4.9	5.2	120	25	7	13	11	13	—	—	12	9	13	4	23	3	15	12	3	0	30	3	Januar
2.8	3.8	3.7	3.4	16	18	28	2	1	2	—	—	4	7	1	6	18	0	5	0	2	0	51	2	Februar
5.9	6.2	6.1	6.1	215	78	2	11	10	11	—	—	13	0	9	4	1	40	10	0	6	0	28	4	März
9.1	9.6	8.7	9.1	311	46	1	29	27	21	—	—	28	0	24	2	3	79	1	0	0	0	3	2	April
5.7	7.1	6.4	6.4	156	29	7	13	13	—	1	2	15	1	9	0	9	25	3	1	12	5	35	3	Mai
5.3	6.0	6.0	5.8	162?	32	15	13	13	1	—	—	10	1	8	1	5	6	19	1	1	2	55	0	Juni
5.2	6.0	5.1	5.4	145	33	10	10	10	—	—	3	9	3	8	2	7	12	18	0	0	6	44	4	Juli
4.7	4.4	4.5	4.5	118	46	3	8	8	—	1	2	7	4	5	4	23	6	3	0	1	1	54	1	August
6.9	6.9	6.7	6.8	270	60	24	17	17	—	—	2	18	2	9	13	13	22	26	0	1	0	14	1	September
7.1	7.1	6.9	7.0	387	66	13	17	17	7	—	—	15	1	14	2	9	14	29	0	2	0	37	0	Oktober
5.6	5.7	5.1	5.5	170	61	7	8	8	3	—	—	9	1	8	6	8	18	2	0	0	0	50	6	November
4.2	4.5	4.3	4.3	63	27	31	9	9	8	—	—	6	4	2	7	2	4	1	0	0	1	76	2	Dezember
5.7	6.0	5.7	5.8	2133	78	III	150	144	66	2	9	146	33	110	51	121	229	132	14	28	15	477	28	Jahr

Beobachter: **Ch. Stoffel-Bellig.** **Bernhardin.**

4.4	4.9	3.8	4.4	135	36	22	14	13	14	—	—	12	13	9	17	0	10	0	59	0	1	0	6	Januar
2.5	3.1	2.2	2.6	39	39	28	1	1	1	—	—	1	16	2	12	2	41	0	20	0	0	0	9	Februar
5.0	5.6	5.3	5.3	267	79	2	13	10	13	—	—	12	8	8	26	0	14	0	40	0	0	0	13	März
8.5	9.3	9.3	9.0	505	64	1	27	24	27	—	—	26	0	24	16	0	0	0	65	0	0	0	9	April
5.1	5.9	5.9	5.6	129	24	12	12	10	10	2	1	9	4	10	41	0	5	0	27	1	0	0	19	Mai
5.8	6.0	6.2	6.0	313	110	16	17	12	6	1	—	9	4	10	52	2	6	0	23	0	0	1	6	Juni
5.5	6.5	5.6	5.9	188	87	10	12	10	1	1	4	8	5	9	45	1	3	0	35	0	0	0	9	Juli
4.8	5.3	5.6	5.2	191	82	2	8	8	3	—	2	6	3	4	43	0	5	0	34	0	1	0	10	August
6.1	7.0	6.3	6.5	467	113	33	18	18	1	1	2	16	3	12	23	0	3	0	57	0	0	0	7	September
7.1	6.8	6.0	6.6	213	44	19	15	15	11	—	—	15	4	14	48	0	0	0	35	0	0	0	10	Oktober
5.1	5.3	5.8	5.4	113	24	6	11	9	11	—	—	12	6	9	35	0	0	0	46	0	0	0	9	November
4.7	5.5	4.9	5.0	185	37	22	14	12	14	—	—	8	7	7	54	0	6	1	23	0	0	0	9	Dezember
5.4	5.8	5.6	5.6	2745	113	IX	162	142	112	5	9	134	73	118	412	5	93	1	464	1	2	1	116	Jahr

Beobachter: **Ch. Pfister.** **St. Moritz.**

4.9	4.0	3.6	4.2	16	5	10	5	5	5	—	—	0	11	5	0	0	0	0	0	10	3	1	79	Januar
1.9	3.4	3.1	2.8	12	9	22	2	2	2	—	—	0	14	1	2	0	0	0	0	1	0	1	80	Februar
3.9	4.5	5.6	4.7	75	33	2	7	7	7	—	—	0	10	7	0	0	0	0	0	2	1	2	88	März
6.8	7.5	8.4	7.6	62	11	26	15	13	8	—	—	0	0	9	0	0	0	0	0	5	4	1	80	April
4.2	5.2	5.7	5.0	38	10	6	9	9	—	—	—	0	6	5	1	0	0	0	0	4	0	1	87	Mai
5.1	5.9	7.7	6.2	82	13	12	15	15	—	—	—	0	3	8	2	0	0	0	0	0	2	0	86	Juni
3.7	4.1	7.0	4.9	45	17	10	8	8	—	—	2	0	3	0	0	0	0	0	0	1	2	0	90	Juli
3.8	4.8	6.9	5.2	79	35	3	9	9	—	—	—	0	4	3	0	0	0	0	0	1	5	0	87	August
4.7	5.7	7.9	6.1	213	56	23	13	12	1	—	—	0	0	8	0	0	0	0	0	1	4	0	85	September
6.5	6.1	7.4	6.7	137	36	1	14	14	4	—	—	0	2	12	0	0	0	0	0	0	0	0	93	Oktober
3.6	4.0	6.4	4.7	19	5	28	7	6	4	—	—	0	7	4	1	0	0	0	0	1	2	1	85	November
4.9	5.1	7.2	5.7	164	40	13	13	13	11	—	—	0	3	5	0	0	0	0	0	2	0	0	91	Dezember
4.5	5.0	6.4	5.3	942	56	IX	117	113	42?	—	2	0	63?	67?	6	0	0	0	0	28	23	7	1031	Jahr

Beobachter: Frau **U. Fluor.** **Sils-Maria.**

4.4	4.3	3.7	4.1	24	5	8	10	7	10	—	—	5	17	10	0	0	0	25	12	3	2	9	42	Januar
1.8	3.1	2.6	2.5	13	8	22	3	3	3	—	—	1	17	2	4	1	3	9	4	4	0	3	56	Februar
4.4	5.3	4.9	4.9	106	53	1	9	8	9	—	—	6	10	7	1	2	0	4	7	23	2	10	44	März
8.0	9.0	9.1	8.7	54	10	1	17	13	16	—	—	5	0	23	1	0	0	18	23	19	0	0	29	April
4.7	5.6	5.5	5.3	23	5	14	11	8	2	—	1	3	5	9	3	0	0	0	6	29	3	12	40	Mai
5.9	6.4	6.4	6.2	116	20	17	15	13	3	—	—	2	2	11	0	0	0	0	5	22	7	26	30	Juni
4.1	5.3	5.1	4.8	62	13	10	12	9	—	—	3	3	8	7	3	0	0	0	0	41	9	8	32	Juli
4.5	5.1	4.0	4.5	55	33	3	8	7	—	—	1	5	9	5	2	0	0	1	8	22	9	20	31	August
5.4	5.9	5.7	5.7	233	61	23	16	14	1	—	—	4	6	8	0	2	1	4	12	36	2	1	32	September
6.9	6.2	5.5	6.2	103	24	1	14	12	7	—	—	3	3	12	3	0	0	0	2	20	6	11	51	Oktober
4.2	5.5	4.2	4.6	29	19	29	11	9	6	—	—	3	9	6	4	0	0	1	13	26	5	3	38	November
5.7	5.2	4.9	5.3	69	20	22	10	9	9	—	—	2	7	6	3	7	1	9	7	12	6	0	48	Dezember
5.0	5.6	5.1	5.2	887	61	IX	136	112	66	—	5	42	93	106	24	12	5	71	99	257	51	103	473	Jahr

Remüs.

$\lambda = 10°23'$, $\beta = 46°50'$, $H_b = 1237^m$, $G = -0.05$ ‰, $h_r = 1.2^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag
Januar	659.7	637.8	8	672.1	25	-7.4	-0.2	-4.8	-4.3	-19.6	4. 5	6.4	23	80	56	78	71	33	9
Februar	661.9	646.8	28	669.8	2	-5.7	2.6	-2.4	-2.0	-14.0	16	8.2	27	71	45	66	61	28	27
März	656.1	643.8	1	665.9	21	-2.7	7.1	0.3	1.2	-8.8	28	14.0	24	82	38	70	63	20	27
April	652.4	643.6	19	660.5	25	3.4	11.5	4.7	6.1	-0.6	23	16.2	12	86	41	73	67	26	11
Mai	657.8	649.5	8	664.3	22	8.6	17.6	9.7	11.4	3.6	3	24.3	23	74	34	62	57	19	4
Juni	658.0	650.6	17	665.5	8	8.5	15.5	9.1	10.5	2.8	23	23.8	14	82	45	73	67	12	29
Juli	659.0	654.8	23	663.6	19	12.0	20.4	12.9	14.6	2.1	1	30.0	17	78	41	67	62	19	21
August	659.8	651.4	3	667.7	22	11.1	20.2	12.7	14.2	4.8	31	28.8	22.23	78	40	68	62	19	1
September	657.8	647.9	23	663.4	14. 15	9.4	17.1	10.9	12.1	4.2	14	24.3	17	86	59	78	74	24	3. 14
Oktober	657.1	648.3	15. 16	664.6	29	2.5	9.4	3.8	4.9	-4.9	30	15.5	7	94	52	86	77	23	6
November	658.0	651.3	3	667.9	10	-2.8	4.2	-0.9	-0.1	-9.0	16	14.2	6	83	52	74	70	31	1
Dezember	656.6	643.3	19	667.9	15	-4.2	-0.7	-3.2	-2.8	-16.2	27	4.8	16	92	83	94	90	45	16. 18
Jahr	657.9	637.8	I	672.1	I	2.7	10.6	4.4	5.5	-19.6	I	30.0	VII	82	49	74	68	12	VI

Scarl (Unterengadin).

$\lambda = 10°20'$, $\beta = 46°43'$, $H =$ ca. 1810^m, $G = -$ ‰, $h_r = 1.5^m$

Januar	—	—	—	—	—	-6.9	-3.5	-6.1	-5.6	-23.8	9	3.8	16	57	49	55	54	28	15
Februar	—	—	—	—	—	-7.8	-1.4	-6.3	-5.5	-22.0	16	4.6	12	55	40	54	50	24	6
März	—	—	—	—	—	-6.7	1.0	-4.2	-3.5	-15.4	27	8.0	24	70	42	67	60	21	27
April	—	—	—	—	—	-0.7	4.6	0.9	1.4	-8.0	23	7.8	12. 29	72	47	72	64	31	3
Mai	—	—	—	—	—	4.2	10.8	4.7	6.1	-1.2	3	17.4	23	69	39	68	59	19	4
Juni	—	—	—	—	—	7.0	10.1	4.9	6.7	-0.8	5	17.6	14	82	45	72	66	26	2. 9
Juli	—	—	—	—	—	9.5	14.7	8.6	10.3	3.6	28	24.8	17	69	43	72	61	22	18
August	—	—	—	—	—	7.0	14.7	9.0	9.9	1.2	11	22.2	22	75	40	68	61	20	31
September	—	—	—	—	—	6.3	13.3	8.4	9.1	0.0	14	20.0	18	77	49	68	64	24	15. 17
Oktober	—	—	—	—	—	0.4	5.1	0.9	1.9	-6.0	28	11.2	11	75	51	74	67	26	31
November	—	—	—	—	—	-4.6	-0.7	-3.4	-3.0	-12.4	16	10.6	6	71	54	69	65	17	23
Dezember	—	—	—	—	—	-5.2	-2.4	-4.6	-4.2	-18.2	26	5.0	30	69	57	68	65	34	15
Jahr	—	—	—	—	—	0.2	5.5	1.1	2.0	-23.8	I	24.8	VII	70	46	67	61	17	XI

Buffalora (Ofenpass).

$\lambda = 10°16'$, $\beta = 46°38'$, $H =$ ca. 1977^m, $G = -$ ‰, $h_r = 1.5^m$

Januar	—	—	—	—	—	-12.3	-3.2	11.2	-9.5	-30.1	9	4.0	29	90	69	85	81	43	17
Februar	—	—	—	—	—	-13.7	0.0	10.4	-8.6	-27.2	16	6.3	24	88	52	84	75	31	20
März	—	—	—	—	—	-9.4	0.8	-7.3	-5.8	-20.1	27	6.1	24	91	60	90	80	27	27
April	—	—	—	—	—	-0.7	3.9	-0.3	0.7	-9.0	23	8.1	12	82	71	89	81	39	4
Mai	—	—	—	—	—	3.1	10.1	3.6	5.1	-3.2	1	17.4	22. 25	76	54	77	69	28	22
Juni	—	—	—	—	—	4.0	9.1	4.5	5.5	-3.1	23	16.1	9	77	65	77	73	29	9
Juli	—	—	—	—	—	7.1	15.0	8.9	10.0	1.2	8	23.2	17	80	52	73	68	26	31
August	—	—	—	—	—	6.0	14.1	8.5	9.3	-2.2	31	22.0	2. 22	83	55	68	69	19	31
September	—	—	—	—	—	4.1	10.7	7.5	7.5	0.0	14. 22	16.4	12	84	60	75	73	30	13
Oktober	—	—	—	—	—	-1.1	2.2	-0.4	0.0	-8.3	28	7.1	10	86	79	88	84	18	28
November	—	—	—	—	—	-7.4	-1.8	-5.9	-5.2	-15.4	24	7.3	11	89	72	86	82	37	11
Dezember	—	—	—	—	—	-9.8	-4.5	-8.3	-7.7	-25.2	27	0.0	13	89	77	88	85	42	2
Jahr	—	—	—	—	—	-2.5	4.7	-0.9	0.1	-30.1	I	23.2	VII	85	64	83	77	18	X

Sta. Maria (im Münsterthal).

$\lambda = 10°25'$, $\beta = 46°36'$, $H_b = 1411^m$, $G = -0.05$ ‰, $h_r = 1.5^m$

Januar	645.3	624.5	8	657.0	25	-5.3	-1.7	-4.8	-4.1	-17.5	9	3.6	24	63	52	61	59	29	4
Februar	647.1	633.3	28	654.6	2	-3.5	0.0	-1.9	-1.1	-15.0	16	9.4	12	48	36	49	44	24	27
März	641.8	631.0	1	650.6	21	-2.6	4.2	-1.1	-0.2	-9.0	14. 27	12.1	24	65	41	68	58	20	27
April	638.8	630.7	19	646.7	26	2.8	8.0	2.9	4.1	-2.7	21	11.6	12	78	51	83	71	32	12. 23
Mai	644.1	637.1	9	650.7	23	8.5	15.2	8.9	10.4	3.0	8	21.3	24	59	37	60	52	23	19
Juni	644.2	638.8	16. 17	651.7	8	8.8	14.8	8.8	10.3	2.5	5	19.0	9	61	42	64	56	21	14
Juli	645.4	641.1	27	649.2	20	12.0	19.0	12.6	14.1	6.8	1	27.3	18	63	43	67	58	23	21. 31
August	646.2	640.0	6	652.6	21	11.7	18.3	12.0	13.5	4.1	30	26.0	18	61	43	64	56	20	31
September	644.6	636.4	23	649.4	17	9.7	15.0	10.2	11.3	5.2	14	17.6	17	75	57	77	70	28	13
Oktober	643.3	634.9	15. 16	651.3	21	4.1	8.3	4.3	5.2	-0.8	28	14.3	7	71	53	70	65	21	31
November	644.0	637.8	29	653.1	10	-1.9	1.7	-1.3	-0.7	-9.8	23	9.9	12	64	55	64	61	25	12
Dezember	642.1	628.9	20	653.2	15	-1.1	1.6	-0.8	-0.3	-10.8	26	8.6	5	60	50	60	57	24	2
Jahr	643.9	624.5	I	657.0	I	3.6	8.7	4.2	5.2	-17.5	I	27.3	VII	64	47	66	59	20	III VIII

Beobachter: **F. Andry.** **Remüs.**

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7.30	13.30	21.30	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	⚠	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
3.8	3.9	3.9	3.9	20	12	10	3	3	3	—	—	0	13	6	—	—	—	—	—	—	—	—	—	Januar
2.5	4.0	3.3	3.3	8	7	22	1	1	1	—	—	0	12	4	—	—	—	—	—	—	—	—	—	Februar
5.6	5.6	4.6	5.3	28	9	3	8	7	8	—	—	0	10	8	—	—	—	—	—	—	—	—	—	März
7.6	7.5	6.8	7.3	33	11	15	10	6	4	—	—	0	0	13	—	—	—	—	—	—	—	—	—	April
5.3	5.7	5.9	5.6	16	6	16	5	3	—	—	—	0	4	7	—	—	—	—	—	—	—	—	—	Mai
6.2	6.9	7.8	7.0	77	16	12	16	14	—	—	—	0	3	12	—	—	—	—	—	—	—	—	—	Juni
4.7	5.8	4.7	5.1	41	13	28	13	10	—	—	—	0	7	7	—	—	—	—	—	—	—	—	—	Juli
4.4	5.7	4.9	5.0	48	19	6	9	7	—	—	—	0	10	8	—	—	—	—	—	—	—	—	—	August
5.8	6.2	4.6	5.5	141	49	23	13	13	—	—	—	0	7	9	—	—	—	—	—	—	—	—	—	September
7.5	6.6	5.7	6.6	73	27	9	10	10	4	—	—	0	3	13	—	—	—	—	—	—	—	—	—	Oktober
5.4	4.0	4.3	4.6	23	10	29	3	3	3	—	—	0	9	7	—	—	—	—	—	—	—	—	—	November
7.4	7.9	6.4	6.9	170	?	?	14*	14*	?	—	—	0	5	17	—	—	—	—	—	—	—	—	—	Dezember
5.5	5.7	5.2	5.5	678	49	IX	105	91	?	—	?	0	83	111	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **J. B. Oswald.** **Scarl** (Unterengadin).

4.1	4.9	2.5	3.8	12	5	10	4	3	4	—	—	0	14	5	0	0	6	37	0	1	0	2	47	Januar
3.2	3.8	2.0	3.0	11	11	22	1	1	1	—	—	0	11	1	1	2	5	30	1	0	2	1	42	Februar
5.8	6.1	4.0	5.3	59	28	2	11	7	11	—	—	0	9	8	0	1	2	34	0	1	2	5	48	März
8.2	8.5	7.8	8.2	33	10	21	14	9	12	—	—	0	0	19	0	2	2	15	0	0	0	1	70	April
5.6	6.5	5.8	6.0	17	7	14	11	7	3	—	—	0	2	10	1	0	0	19	0	1	0	1	71	Mai
6.6	7.3	7.2	7.0	85	19	17	18	13	3	—	—	0	1	15	2	3	0	9	1	4	3	2	66	Juni
5.6	6.4	4.9	5.6	27	6	10	12	8	—	—	—	0	4	9	1	0	0	9	0	2	0	2	79	Juli
5.2	5.9	5.6	5.6	53	17	6	10	9	1	—	—	0	8	10	1	0	1	9	0	2	5	2	73	August
6.2	6.9	5.5	6.2	154	49	23	16	15	1	—	—	2	3	10	0	1	1	27	0	0	4	0	57	September
8.1	6.6	6.3	7.0	72	20	15	10	8	6	—	—	0	3	15	0	2	4	21	2	0	3	1	60	Oktober
5.7	5.0	3.7	4.8	22	9	29	5	4	4	—	—	0	8	7	1	1	2	24	0	0	0	0	62	November
7.5	7.1	5.3	6.6	147	44	13	15	14	12	—	—	0	3	12	0	2	0	29	0	1	1	0	60	Dezember
6.0	6.3	5.0	5.8	692	49	IX	127	98	58	—	—	2	66	121	7	14	23	263	4	12	20	17	735	Jahr

Beobachter: **Dom. Bass.** **Buffalora** (Ofenpass).

3.9	4.0	3.0	3.6	10	5	10	2	2	2	—	—	1	14	3	0	2	1	6	1	7	24	1	51	Januar
2.8	4.1	2.6	3.2	16	16	22	1	1	1	—	—	2	11	1	0	2	1	9	0	3	24	1	44	Februar
5.2	5.3	4.5	5.0	77	34	2	8	7	8	—	—	0	8	6	0	0	1	18	1	0	7	0	66	März
7.7	8.3	8.5	8.2	38	7	13.29	14	11	10	—	—	0	0	16	0	0	5	22	0	0	0	0	63	April
5.1	5.9	5.9	5.6	24	8	6	5	5	3	—	1	0	5	8	0	2	9	8	4	1	22	2	45	Mai
6.1	6.5	7.0	6.5	103	22	12	15	14	4	—	—	0	2	11	0	1	6	5	0	0	34	1	43	Juni
4.5	5.7	5.1	5.1	19	10	10	9	4	—	—	2	1	3	5	0	0	4	7	3	3	21	0	55	Juli
4.7	5.4	5.9	5.3	33	10	6	9	6	1	—	—	1	6	5	0	0	2	6	0	1	36	0	48	August
4.5	6.1	6.3	5.6	202	66	23	14	14	1	—	—	3	5	7	0	0	17	8	4	1	8	1	51	September
6.6	6.0	5.5	6.0	114	24	1	12	12	5	—	—	1	4	12	0	0	2	14	0	1	19	0	57	Oktober
4.4	3.9	3.3	3.9	14	8	28	5	3	3	—	—	1	10	4	0	0	16	13	0	4	12	0	45	November
6.1	5.9	4.5	5.5	120	30	22	14	14	14	—	—	1	3	8	0	2	1	0	0	0	23	5	62	Dezember
5.1	5.6	5.2	5.3	770	66	IX	108	93	52	—	3	11	71	86	0	9	65	116	13	21	230	11	630	Jahr

Beobachter: **S. Tuffli.** **Sta. Maria** (im Münsterthal).

3.8	4.2	3.4	3.8	12	9	8	3	2	3	—	—	1	15	6	1	0	0	0	2	1	1	0	88	Januar
1.6	3.1	2.2	2.3	6	4	28	2	2	2	—	—	0	17	2	0	3	0	1	2	2	2	0	74	Februar
5.4	5.4	5.1	5.3	79	43	2	8	6	8	—	—	2	9	9	2	0	2	1	0	0	4	0	84	März
8.1	8.4	8.8	8.4	76	18	21	17	16	4	—	—	4	0	21	0	1	1	1	0	1	2	0	84	April
4.4	5.5	6.1	5.3	24	11	14	7	6	—	—	2	0	8	9	4	1	1	1	0	2	3	0	81	Mai
5.4	5.7	5.8	5.6	100	29	17	11	10	1	—	—	2	7	11	0	1	3	0	0	0	4	0	82	Juni
4.8	5.3	5.4	5.2	38	8	26	8	8	—	—	3	0	7	8	3	1	0	0	0	2	2	0	85	Juli
3.6	5.0	4.3	4.3	41	15	3	6	5	—	—	1	0	11	7	9	0	0	0	0	1	1	0	82	August
5.5	5.6	4.9	5.3	190	72	23	15	15	—	—	1	0	8	6	16	1	0	0	1	2	1	0	69	September
6.8	6.4	6.2	6.5	83	23	15	13	11	3	—	—	6	6	13	7	3	1	0	0	0	0	0	82	Oktober
3.6	3.8	3.4	3.6	10	3	28	6	5	4	—	—	5	15	7	0	0	0	1	0	0	4	0	85	November
5.9	6.1	6.2	6.1	103	28	22	13	12	10	—	—	0	9	15	1	0	1	2	5	0	2	0	82	Dezember
4.9	5.4	5.2	5.2	762	72	IX	109	98	35	—	7	20	112	114	43	11	9	7	10	11	26	0	978	Jahr

Splügen (Dorf).

$\lambda = 9^\circ 19'$, $\beta = 46^\circ 33'$, $H_b = 1466.8^m$, $G = -0.10\ ^m/_m$, $h_r = 0.8^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	641.0	620.1	8	652.0	21	−8.2	−2.7	−7.3	−6.4	−23.8	4	3.3	25	79	59	76	71	30	15
Februar	643.3	627.8	28	650.9	23	−10.2	−0.5	−7.6	−6.5	−17.6	16. 17	4.2	9	83	47	78	69	20	20
März	637.5	625.5	1	646.5	21	−5.8	3.0	−3.1	−2.3	−14.2	13	8.6	25	85	43	75	68	25	25. 28
April	634.4	626.4	10	642.2	25	1.7	5.4	1.5	2.5	−7.8	22	9.0	29	78	52	83	71	35	6. 22 23. 24
Mai	640.1	631.7	7	646.0	22	7.0	12.6	6.4	8.1	2.6	14	19.4	23	67	38	73	59	20	4. 10 20. 23
Juni	640.3	632.7	17	647.8	8	7.4	12.3	6.5	8.2	0.7	5	19.0	14	72	44	79	65	20	7. 9. 23
Juli	641.7	636.8	27	646.2	19	11.3	16.3	9.9	11.9	5.6	28	24.1	17	68	40	84	64	18	1
August	642.6	636.5	6	650.1	21	9.4	16.1	9.5	11.1	1.8	31	23.0	17	75	37	83	65	16	31
September	640.5	629.9	23	645.3	15	7.9	13.3	8.5	9.5	0.8	14	19.4	19	86	53	83	74	20	15
Oktober	639.1	630.8	16	646.3	6	1.3	6.6	1.7	2.8	−5.2	30. 31	14.1	7	90	53	88	77	12	6
November	639.6	633.3	27	649.3	10	−2.4	3.0	−1.3	−0.5	−9.1	25	10.1	9	80	49	74	68	18	23
Dezember	638.3	625.8	20	649.7	14	−5.6	−1.1	−5.4	−4.4	−19.4	27	5.1	4	91	66	89	82	41	16
Jahr	639.8	620.1	I	652.0	I	1.1	7.0	1.6	2.8	−23.8	I	24.1	VII	80	48	80	69	12	X

Platta-Medels.

$\lambda = 8^\circ 51'$, $\beta = 46^\circ 39'$, $H_b = 1378^m$, $G = -0.08\ ^m/_m$, $h_r = 1.2^m$

Januar	648.1	627.8	8	658.8	25	−2.7	2.2	−2.8	−1.5	−18.0	4	9.6	28	67	48	66	60	23	27
Februar	650.7	635.1	28	658.5	23	−4.5	3.5	−3.2	−1.8	−13.2	16	10.8	8	71	43	69	61	24	6
März	644.9	632.3	1	654.5	21	−2.8	4.7	−1.2	−0.1	−9.0	27	10.6	18	79	45	73	66	26	10
April	641.5	633.8	10	649.5	25	2.6	6.8	3.0	3.8	−5.8	22	10.8	29	91	55	79	75	35	22
Mai	647.1	638.1	7	653.4	20	6.7	13.9	7.9	9.1	2.2	14	21.6	19	78	42	70	63	24	19
Juni	647.4	638.8	17	654.6	8	6.6	13.3	7.4	8.7	0.2	6. 23	20.4	9	88	54	82	75	28	9
Juli	648.6	643.3	27	653.6	19	10.5	18.4	11.5	13.0	4.6	28	26.0	17	86	43	83	71	20	1
August	649.6	643.3	6	656.4	21. 22	9.7	17.8	11.0	12.4	1.0	31	25.8	21	85	47	85	72	22	1
September	647.4	637.0	23	652.2	15	8.9	14.5	9.9	10.8	1.8	24	21.6	15	83	55	80	73	25	26
Oktober	646.2	638.1	16	653.2	7	2.4	8.2	2.8	4.0	−2.8	30	15.6	6	88	56	88	77	18	6
November	646.8	640.4	27	656.3	10	0.2	4.9	0.6	1.6	−7.2	18	14.4	10	71	52	73	65	20	21
Dezember	645.6	633.4	20	656.6	14	−2.3	2.7	−1.7	−0.8	−14.0	27	10.6	6	85	61	83	76	29	5
Jahr	647.0	627.8	I	658.8	I	2.9	9.2	3.8	4.9	−18.0	I	26.0	VII	81	50	78	70	18	X

Davos-Platz.

$\lambda = 9^\circ 49'$, $\beta = 46^\circ 48'$, $H_b = 1560.7^m$, $G = -0.10\ ^m/_m$, $h_r = 9.5^m$

Januar	633.0	613.1	8	644.3	25	−8.1	−1.6	−6.5	−5.7	−22.9	4	6.5	18	82	64	78	75	44	4. 15
Februar	635.7	620.3	28	643.2	23	−9.3	0.4	−6.3	−5.4	−19.6	16	4.6	8	85	53	80	73	34	20
März	629.9	618.1	1	639.3	21	−5.8	3.3	−2.6	−1.9	−11.4	27	8.5	24	89	50	81	73	34	28
April	626.7	618.9	10	634.3	25	2.0	7.5	1.8	3.3	−3.9	22	12.2	29	78	52	85	72	35	24
Mai	632.5	623.7	7	638.4	22	8.5	12.9	6.8	8.7	2.3	14	19.7	23	69	47	78	65	30	4
Juni	632.9	625.1	17	640.2	8	7.9	11.0	6.3	7.9	0.2	23	18.2	14. 15	75	58	83	72	37	7. 9. 14
Juli	634.4	629.7	27	639.1	19	11.4	15.6	10.2	11.9	4.0	28	25.0	17	76	53	78	69	31	1
August	635.3	629.3	6	642.7	21	9.7	15.2	9.3	10.9	2.0	30	23.2	22	76	47	84	69	26	31
September	633.1	622.7	23	637.8	15	7.4	13.2	7.7	9.0	2.0	30	20.6	18	90	58	88	79	29	17
Oktober	631.6	623.5	16	638.7	6	0.4	6.9	1.6	2.6	−6.3	28	13.2	22	91	56	86	78	19	28
November	631.9	625.4	27	641.6	10	−3.8	3.9	−2.3	−1.1	−10.0	24. 25	15.3	6	81	47	75	68	24	23
Dezember	630.8	618.6	20	641.9	14. 15	−4.7	−0.6	−4.5	−3.6	−19.4	27	3.7	4	87	69	84	80	43	16
Jahr	632.3	613.1	I	644.3	I	1.3	7.3	1.8	3.1	−22.9	I	25.0	VII	82	55	82	73	19	X

Schatzalp (ob Davos).

$\lambda = 9^\circ 49'$, $\beta = 46^\circ 48'$, $H_b = 1868.3^m$, $G = -\ ^m/_m$, $h_r = 1.5^m$

Januar	—	—	—	—	—	−4.7	0.1	−4.4	−3.4	−19.4	9	6.6	26	59	50	55	55	26	6
Februar	—	—	—	—	—	−5.4	0.6	−5.5	−3.9	−18.0	16	6.1	8	56	47	59	54	27	6
März	—	—	—	—	—	−3.7	1.9	−3.5	−2.2	−12.8	27	8.8	24	78	56	83	72	31	31
April	—	—	—	—	—	0.3	6.2	0.2	1.7	−7.2	22	10.4	29	76	64	87	76	29	24
Mai	—	—	—	—	—	5.4	11.3	5.2	6.8	−0.4	14	19.2	23	75	40	66	60	23	22
Juni	—	—	—	—	—	5.3	9.4	4.5	5.9	−2.6	23	17.0	15	80	54	76	70	29	7
Juli	—	—	—	—	—	8.9	14.4	8.7	10.2	1.2	28	25.3	17	82	48	75	68	22	17
August	—	—	—	—	—	8.1	13.9	8.3	9.6	0.0	30	24.0	22	78	46	72	65	23	31
September	—	—	—	—	—	8.1	12.3	7.7	9.0	0.1	30	20.6	18	65	53	64	61	24	17
Oktober	—	—	—	—	—	1.2	5.4	0.9	2.1	−4.4	27	11.5	6	63	52	69	61	14	28
November	—	—	—	—	—	−2.8	2.9	−2.5	−1.2	−10.8	20	14.6	6	58	40	61	53	14	23
Dezember	—	—	—	—	—	−3.0	0.2	−3.3	−2.4	−14.5	26	8.6	8	66	54	60	62	18	2
Jahr	—	—	—	—	—	1.5	6.5	1.4	2.7	−19.4	I	25.3	VII	70	50	69	63	14	X. XI

Beobachter: Frl. **M. Lorez.**

Splügen (Dorf).

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7³⁰	13³⁰	21³⁰	Mittel	Summe	Maximum	Tag	●	≥1.0	✳	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
4.1	4.5	3.2	3.9	38	12	8	8	8	7	—	—	0	14	8	3	2	1	2	15	11	7	2	50	Januar
3.1	2.6	1.8	2.5	22	12	28	2	2	2	—	—	1	16	4	0	12	1	5	2	1	4	0	59	Februar
4.2	4.6	4.6	4.5	68	34	1	5	4	5	—	—	0	10	6	2	14	4	6	8	16	6	1	36	März
8.0	8.8	6.3	7.7	68	24	1	13	11	8	—	—	0	0	13	0	5	5	4	9	18	12	4	33	April
5.2	5.9	5.0	5.4	41	21	14	8	7	1	—	—	0	7	11	0	8	9	9	12	6	5	2	42	Mai
6.1	5.8	5.4	5.8	180	50	17	15	14	3	—	—	2	5	9	3	11	17	4	2	9	1	1	42	Juni
5.5	5.7	4.7	5.3	117	59	10	11	10	—	—	—	1	5	7	0	22	3	1	8	7	7	1	44	Juli
4.9	5.0	3.3	4.4	145	69	3	10	9	—	—	—	5	11	5	1	14	7	6	4	5	4	1	51	August
5.4	6.1	4.8	5.4	320	70	23	15	14	1	—	1	2	0	7	2	4	2	5	10	20	2	1	44	September
6.6	6.9	5.3	6.3	81	14	8	14	14	7	—	—	1	0	13	2	15	4	7	1	13	2	0	49	Oktober
4.6	4.3	4.9	4.6	31	8	28	7	7	3	—	—	4	7	4	2	5	2	3	6	18	6	1	47	November
5.8	5.2	4.5	5.2	122	22	13	13	13	12	—	—	0	8	8	2	10	3	1	0	8	5	0	64	Dezember
5.3	5.5	4.5	5.1	1233	70	IX	121	113	49	—	1	16	95	95	17	122	58	53	77	132	61	14	561	Jahr

Beobachter: **Ths. J. Berther.**

Platta-Medels.

5.1	4.9	4.4	4.8	20	9	10	8	4	8	—	—	0	12	12	0	4	4	8	6	34	2	0	35	Januar
3.2	3.2	2.8	3.1	17	9	22	5	4	5	—	—	3	16	0	1	8	2	2	9	6	1	0	55	Februar
5.2	5.4	5.1	5.2	110	57	2	8	6	8	—	—	3	9	10	1	3	0	2	18	17	0	2	50	März
8.4	8.7	8.2	8.4	87	22	20	13	10	5	—	—	4	0	22	1	7	2	4	5	37	0	2	32	April
5.4	6.4	6.3	6.0	27	8	14	12	8	—	—	1	6	4	12	9	8	0	2	14	13	1	6	40	Mai
5.8	6.0	7.0	6.3	343	156	17	17	15	3	—	2	8	5	13	26	16	3	3	7	12	1	3	19	Juni
6.5	5.4	5.5	5.8	84	32	10	12	8	—	—	2	5	5	11	15	7	0	1	10	16	0	1	43	Juli
5.5	5.0	5.3	5.3	109	37	2	11	9	—	1	4	9	10	9	19	6	1	1	12	4	0	5	45	August
5.8	6.8	6.0	6.2	251	106	23	18	16	2	—	2	5	6	14	9	7	0	4	12	21	0	3	34	September
7.2	6.5	6.8	6.8	101	29	16	13	10	5	—	1	5	7	17	15	7	1	5	7	5	0	4	49	Oktober
5.8	5.4	6.0	5.7	41	12	6	7	7	4	—	—	6	7	10	11	7	2	10	17	16	0	2	25	November
6.4	6.1	6.7	6.4	155	34	22	15	12	10	—	—	1	7	17	2	11	5	12	11	1	0	2	49	Dezember
5.9	5.8	5.8	5.8	1345	156	VI	139	109	50	1	12	55	88	153	109	91	20	54	128	182	5	30	476	Jahr

Beobachter: **Kurverein.**

Davos-Platz.

3.3	3.9	3.3	3.5	34	15	10	5	4	5	—	—	1	14	5	0	5	0	0	0	11	0	0	77	Januar
2.6	3.2	2.1	2.6	37	23	22	6	4	6	—	—	1	16	3	0	9	3	0	0	2	0	0	70	Februar
4.3	5.0	4.2	4.5	38	11	1	7	5	7	—	—	0	9	6	0	11	4	0	0	4	0	0	74	März
5.8	7.5	6.9	6.7	54	11	15	12	11	7	1	1	2	1	8	0	19	0	0	2	7	0	0	62	April
4.6	5.9	4.8	5.1	18	4	14	9	7	1	—	3	0	6	6	1	20	6	5	1	6	0	0	54	Mai
5.9	6.8	6.5	6.4	113	28	21	18	16	3	—	—	3	1	12	1	29	1	2	0	2	0	0	55	Juni
5.2	5.4	4.8	5.1	77	18	13	13	13	—	1	1	0	8	4	0	22	1	0	0	5	0	0	65	Juli
4.2	5.3	4.6	4.7	105	35	3	13	12	2	—	1	0	9	7	0	26	1	0	0	4	0	0	62	August
5.2	5.5	4.0	4.9	130	18	30	15	12	1	—	2	2	8	6	0	18	0	0	0	11	0	0	61	September
6.1	6.3	4.6	5.7	50	14	8	13	11	6	—	—	0	4	9	0	14	0	0	0	6	0	0	73	Oktober
4.2	3.3	3.8	3.8	25	10	29	4	3	3	—	—	1	8	2	0	12	4	0	0	6	0	0	68	November
6.3	5.6	5.1	5.7	248	69	13	15	15	13	—	—	0	5	10	0	2	1	0	0	1	0	0	89	Dezember
4.8	5.3	4.6	4.9	929	69	XII	130	113	54	2	8	10	89	78	2	187	21	7	3	65	0	0	810	Jahr

Beobachter: **Sanatorium.**

Schatzalp (ob Davos).

3.1	4.2	3.7	3.7	34	13	10	6	5	6	—	—	0	14	6	8	1	1	2	4	2	17	9	49	Januar
2.5	3.6	2.3	2.8	45	31	22	5	4	5	—	—	0	16	3	3	0	5	0	1	1	10	7	57	Februar
4.5	5.3	4.2	4.7	36	10	1	7	5	7	—	—	0	9	7	14	1	11	0	4	0	8	8	47	März
6.0	8.4	7.3	7.2	53	10	15	10	10	9	1	—	0	0	10	4	4	18	1	1	1	12	0	49	April
5.6	6.4	5.0	5.7	14	4	14	6	5	3	—	—	0	5	11	4	2	14	1	2	0	7	4	59	Mai
6.5	6.6	6.4	6.5	135	27	21	16	16	5	—	1	3	3	14	10	3	16	2	1	0	5	5	48	Juni
6.5	5.8	4.8	5.7	82	17	10	14	13	2	1	1	3	6	11	0	7	15	0	0	2	14	3	52	Juli
4.7	5.9	5.2	5.3	121	36	3	13	13	2	—	1	1	8	7	7	2	15	2	2	1	8	2	54	August
5.3	6.0	4.8	5.4	130	19	30	14	12	1	—	1	5	7	8	1	4	6	1	2	7	8	3	58	September
6.5	7.0	5.5	6.3	49	14	8	12	12	6	—	—	4	5	12	5	4	10	1	2	0	11	4	56	Oktober
4.6	4.1	4.1	4.3	27	14	28	3	3	3	—	—	0	9	6	0	3	15	0	1	1	5	0	65	November
6.4	5.4	5.3	5.7	266	67	13	15	15	14	—	—	0	5	10	2	4	4	2	0	2	10	8	61	Dezember
5.2	5.7	4.9	5.3	992	67	XII	121	113	63	2	4	16	87	105	58	35	130	12	20	17	115	53	655	Jahr

Arosa (Sanatorium).

$\lambda = 9^\circ 39'$, $\beta = 46^\circ 47'$, $H_b = 1854^m$, $G = -0.12$ m/m, $h_r = 1.6^m$

1918	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag
Januar	610.0	590.9	8	621.2	25	−3.8	−0.8	−3.7	−3.0	−17.7	9	5.5	18	56	54	58	56	29	4
Februar	612.5	597.6	28	620.2	23	−4.9	−0.5	−4.4	−3.6	−18.5	16	5.1	24	58	51	58	56	35	5.6.21
März	607.1	595.4	1	616.5	21	−3.0	1.6	−2.7	−1.7	−12.2	27	7.4	31	65	51	67	61	31	19
April	604.2	597.0	10	611.4	25	1.3	4.9	0.9	2.0	−5.5	22	10.4	13	65	58	79	67	40	25
Mai	610.4	601.8	7	616.2	22	6.6	10.0	5.5	6.9	0.0	14	16.0	23	67	52	70	63	35	3. 23
Juni	610.8	603.5	17	618.2	8	6.1	9.2	5.0	6.3	−1.4	23	16.5	14	71	57	80	69	34	8. 14
Juli	612.5	607.4	27	616.9	19	10.1	14.1	9.4	10.7	2.2	28	24.0	17	70	52	78	67	26	17
August	613.4	607.2	6	620.8	21	9.5	13.6	8.8	10.2	0.6	30	22.1	22	68	53	76	66	29	1
September	611.1	601.4	23	615.6	14.15 18	8.8	12.3	8.4	9.5	1.1	30	18.8	19	64	54	69	62	30	25
Oktober	609.2	601.2	15	616.3	6	1.7	5.4	1.5	2.5	−3.8	27	11.7	7	65	57	70	64	23	6
November	609.4	602.5	27	618.9	10	−1.7	2.5	−1.4	−0.5	−10.0	20	12.8	6	62	50	62	58	20	23
Dezember	608.0	596.0	20	618.7	14	−2.8	−0.4	−2.3	−2.0	−13.8	27	7.2	6	68	60	66	65	23	2
Jahr	609.9	590.9	I	621.2	I	2.3	6.0	2.1	3.1	−18.5	II	24.0	VII	65	54	69	63	20	XI

Seewis.

$\lambda = 9^\circ 38'$, $\beta = 46^\circ 59'$, $H_b = 953.8^m$, $G = 0.00$ m/m, $h_r = 1.5^m$

Januar	682.6	660.8	8	693.5	25	−3.0	2.5	−1.6	−1.0	−15.3	4	8.7	22	77	63	74	71	41	6
Februar	685.7	668.5	28	693.6	23	−3.2	3.7	−1.3	−0.5	−12.9	16	9.1	8	79	59	78	72	36	6
März	679.1	667.2	1	689.6	21	0.0	7.5	1.4	2.6	−4.7	27	14.9	24	86	57	81	75	36	19
April	675.2	666.9	10	683.0	25	3.4	10.9	5.6	6.4	−2.3	22	17.1	14	88	64	83	78	39	11
Mai	680.7	670.7	7	686.8	1	8.8	16.8	10.3	11.5	5.3	30	25.5	23	86	60	78	75	34	4
Juni	681.4	671.6	17	688.4	8	8.8	14.6	9.3	10.5	2.5	24	22.9	9	90	71	90	84	42	9
Juli	682.0	677.7	27	686.9	19	12.9	19.3	13.5	14.8	7.1	1	30.1	17	89	68	91	83	34	17
August	682.2	677.4	6	689.6	21	12.7	18.5	12.3	13.9	4.9	30	27.7	23	89	69	97	85	46	23
September	680.7	669.7	23	686.6	14	10.9	16.0	10.9	12.2	4.9	21.30	24.7	18	90	76	94	87	47	7
Oktober	680.4	672.1	15	687.8	29	4.3	9.5	4.9	5.9	−1.9	31	17.7	23	95	77	97	90	43	21
November	681.2	673.4	3	691.0	10	0.9	6.1	2.1	2.8	−5.1	21	18.3	6	86	73	88	82	46	6
Dezember	680.2	668.0	20	691.5	14	−0.9	2.5	−0.3	−0.5	−11.1	27	8.1	6	94	84	93	90	55	15
Jahr	681.0	660.8	I	693.6	II	4.6	10.7	5.6	6.6	−15.3	I	30.1	VII	87	68	88	81	34	V.VIII

Schiers.

$\lambda = 9^\circ 41'$, $\beta = 46^\circ 58'$, $H_b = 650.7^m$, $G = 0.03$ m/m, $h_r = 1.0^m$

Januar	709.5	687.3	8	720.7	25	−6.9	−2.8	−5.2	−5.0	−19.0	4	4.6	23	98	81	95	91	45	9
Februar	712.7	694.5	28	720.6	23	−5.8	1.3	−3.1	−2.7	−12.1	20	6.1	28	93	59	89	80	37	21
März	705.5	693.3	1	716.2	22	−1.6	7.7	1.7	2.4	−6.6	5	14.2	25.31	96	52	84	77	32	28
April	701.1	692.3	10	709.3	25	4.8	12.7	6.5	7.6	0.8	21	17.5	9	88	53	81	74	31	25
Mai	706.4	695.2	7	712.5	31	9.5	18.2	12.0	12.9	3.2	3	24.6	21	84	46	74	68	29	3.4.11
Juni	707.2	698.0	17	714.4	8	9.5	16.1	10.9	11.9	3.4	7	22.3	14	88	55	85	76	33	7.8.9
Juli	707.5	702.7	9	712.6	19	13.5	20.6	15.1	16.1	8.4	1. 28	29.8	17	85	55	86	75	33	17
August	708.8	702.7	6	715.1	21	12.5	20.1	14.0	15.1	4.2	31	28.7	23	86	56	92	78	37	23
September	706.4	695.3	23	713.2	20	9.7	16.8	11.4	12.3	4.0	14	23.9	17	95	66	95	85	39	17
Oktober	706.7	697.7	15	715.0	29	3.8	9.8	5.3	6.1	−4.8	31	15.6	22	98	69	96	87	45	6
November	707.8	698.2	3	717.4	10	−1.3	3.9	1.0	1.1	−9.5	24	13.4	4	96	74	91	87	49	17
Dezember	706.9	694.2	17	718.7	14	−2.0	0.4	−1.5	−1.1	−14.0	27	5.0	14	97	87	97	94	68	3. 25
Jahr	707.2	687.3	I	720.7	I	3.8	10.3	5.7	6.4	−19.0	I	29.8	VII	92	63	89	81	29	V

Chur.

$\lambda = 9^\circ 32'$, $\beta = 46^\circ 51'$, $H_b = 609.9^m$, $G = 0.04$ m/m, $h_r = 1.7^m$

Januar	712.1	689.1	8	723.1	25	−1.6	3.8	−0.2	0.5	−13.1	4	12.5	23	77	57	70	68	30	15
Februar	715.4	696.8	28	723.3	23	−1.8	5.8	0.3	1.2	−9.3	16	10.3	28	71	45	69	62	26	3. 6
März	708.2	696.1	1	718.7	22	1.5	10.1	4.5	5.2	−2.9	27	18.2	24	82	46	63	63	25	28
April	703.8	695.2	10	712.0	25	6.7	13.4	8.1	9.1	0.9	22	19.4	14	78	48	72	66	26	25
Mai	708.9	698.4	7	715.0	31	11.5	19.0	14.0	14.6	7.3	2. 13	26.1	22	77	40	57	58	23	3
Juni	709.7	698.9	17	716.8	8	11.2	16.9	12.6	13.3	6.3	6.18.24	24.5	14	86	51	71	69	27	8
Juli	710.0	705.0	27	715.1	19	14.6	21.5	16.5	17.3	9.3	30	33.1	17	82	47	73	67	24	17
August	711.2	704.7	6	717.3	21	13.6	20.9	15.5	16.4	6.1	31	30.8	23	86	46	78	70	15	7
September	708.9	697.9	23	715.3	20	11.9	18.2	13.2	14.1	5.3	30	25.5	18	87	59	85	77	28	16
Oktober	709.2	700.6	15	717.6	29	5.8	11.4	6.9	7.7	−1.6	31	19.0	23	94	61	91	82	29	21
November	710.4	700.8	3	720.4	10	1.6	6.8	3.3	3.7	−7.9	23	19.2	6	82	59	81	74	31	17
Dezember	709.4	696.2	31	720.8	14	0.4	3.4	1.2	1.5	−8.3	27	8.5	14	93	75	91	86	47	28
Jahr	709.8	689.1	I	723.3	II	6.3	12.6	8.0	8.7	−13.1	I	33.1	VII	83	53	75	70	15	VIII

Beobachter: **F. Spengler.** **Arosa** (Sanatorium).

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1918
7^{30}	13^{30}	21^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	⊼	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
3.2	4.0	3.4	3.5	41	15	8	7	6	7	—	—	1	14	4	2	7	0	8	0	8	17	11	40	Januar
3.5	3.7	3.1	3.4	29	18	22	7	5	7	—	—	3	13	5	2	2	1	1	1	3	14	4	56	Februar
4.8	5.5	5.0	5.1	58	22	1	9	6	9	—	—	2	8	9	1	2	5	2	0	12	12	4	55	März
5.5	8.4	7.7	7.2	68	12	18	15	13	14	—	—	9	0	12	1	0	4	4	2	11	2	2	64	April
5.4	6.5	5.8	5.9	45	16	14	12	10	4	2	2	6	5	11	0	0	5	9	3	14	8	5	49	Mai
6.3	7.4	7.1	6.9	156	25	12	17	17	4	—	—	10	3	15	3	3	5	10	1	2	5	6	55	Juni
5.8	5.9	5.7	5.8	79	23	10	15	15	1	1	1	5	8	11	3	5	8	11	0	5	2	6	53	Juli
4.7	5.3	5.3	5.1	166	45	3	13	12	2	1	2	6	9	8	4	1	11	9	0	3	1	6	58	August
5.4	6.0	4.9	5.4	194	40	23	15	14	1	—	—	12	7	11	1	5	6	8	1	8	9	5	47	September
6.5	6.9	5.8	6.4	95	29	8	14	12	7	—	—	6	4	14	0	0	2	10	2	10	6	2	61	Oktober
4.2	4.1	3.8	4.0	29	12	29	6	3	4	—	—	3	10	5	1	3	3	8	2	17	6	5	45	November
6.5	6.0	5.6	6.0	235	63	13	15	15	15	—	—	4	5	10	1	4	3	1	2	2	18	2	60	Dezember
5.1	5.8	5.3	5.4	1195	63	XII	145	128	75	4	5	67	86	115	19	32	53	81	14	95	100	58	643	Jahr

Beobachter: Frau **E. Sprecher-Jenny.** **Seewis.**

4.7	4.7	4.7	4.7	53	16	10	8	7	6	—	—	2	11	12	0	3	0	0	0	4	0	1	85	Januar
4.7	4.5	3.7	4.3	49	32	22	5	5	4	—	—	0	12	8	0	0	0	0	0	2	0	0	82	Februar
6.0	5.5	5.0	5.5	45	15	1	8	6	7	—	—	0	8	11	0	0	0	0	0	15	0	1	77	März
8.1	8.4	8.7	8.4	75	23	15	11	11	4	—	1	0	0	20	0	0	0	0	0	18	0	0	72	April
5.6	6.9	7.3	6.6	28	10	14	7	5	—	—	—	0	4	12	0	0	0	0	0	20	0	0	73	Mai
6.5	7.1	7.7	7.1	188	40	21	18	17	—	—	1	1	1	14	0	0	0	0	0	15	0	0	75	Juni
5.9	6.1	6.4	6.1	110	23	28	13	12	—	—	2	0	4	12	0	0	0	0	0	11	1	0	81	Juli
5.4	5.6	5.9	5.6	171	49	3	14	12	—	—	—	0	7	11	0	0	0	1	1	9	0	0	82	August
6.7	6.2	6.8	6.6	114	23	10	14	14	—	—	1	1	5	14	0	0	1	0	0	9	0	1	79	September
7.3	7.5	7.2	7.3	48	15	8	10	9	1	—	—	3	4	17	0	0	0	0	1	7	0	0	85	Oktober
5.0	4.9	5.8	5.2	35	17	27	5	3	5	—	—	0	7	7	0	0	0	1	0	9	0	0	80	November
7.5	7.6	6.6	7.2	384	120	13	15	15	12	—	—	0	3	16	0	0	0	0	0	0	0	0	93	Dezember
6.1	6.3	6.3	6.2	1300	120	XII	128	116	39	—	5	7	66	154	0	3	1	2	2	119	1	3	964	Jahr

Beobachter: **J. R. Schlaepfer-Colb.** **Schiers.**

2.6	4.0	2.7	3.1	41	12	9	7	5	5	—	—	0	17	5	0	0	0	0	0	1	0	3	89	Januar
2.4	2.9	3.3	2.9	46	37	22	4	4	4	—	—	0	17	4	0	0	0	0	0	0	2	2	80	Februar
4.3	4.0	4.3	4.2	37	10	1	8	6	3	—	—	0	10	4	0	0	0	0	2	0	10	1	80	März
5.1	6.4	6.1	5.9	77	28	15	11	10	2	—	—	0	4	6	0	0	0	0	1	0	13	4	73	April
3.9	4.1	3.2	3.7	19	7	12	9	3	—	—	—	0	13	3	0	0	1	0	0	1	13	6	72	Mai
5.7	6.5	6.0	6.1	150	33	21	18	17	—	—	—	0	6	11	0	0	0	0	0	1	12	6	71	Juni
5.1	4.5	4.9	4.8	86	20	10	15	11	—	—	—	0	9	8	1	0	0	0	0	0	13	4	75	Juli
4.9	4.9	5.3	5.0	117	50	3	14	10	—	—	—	0	10	11	0	0	0	1	0	0	9	8	75	August
5.3	5.0	4.3	4.9	93	14	23	16	14	—	—	—	0	6	6	0	1	0	0	0	1	7	1	80	September
6.2	5.5	4.9	5.5	36	11	8	10	8	—	—	—	1	6	10	0	0	0	0	0	0	2	8	83	Oktober
3.6	3.6	2.7	3.3	37	23	29	3	3	3	—	—	0	13	5	1	0	0	0	0	0	2	0	87	November
5.1	5.5	4.7	5.1	294	52	28	15	15	15	—	—	0	10	9	0	0	0	1	0	1	2	2	87	Dezember
4.5	4.7	4.4	4.5	1033	52	XII	130	106	32	—	?	1	121	82	2	1	1	2	3	5	85	45	951	Jahr

Beobachter: **J. Defila.** **Chur.**

3.2	4.1	3.3	3.5	25	11	10	6	5	5	—	—	2	15	5	—	—	—	—	—	—	—	—	—	Januar
3.8	3.5	3.0	3.4	20	15	22	4	3	2	—	—	0	14	6	—	—	—	—	—	—	—	—	—	Februar
4.8	5.1	4.3	4.7	38	17	1	5	5	5	—	—	0	9	8	—	—	—	—	—	—	—	—	—	März
6.7	7.4	7.0	7.0	38	11	15	12	8	1	1	—	0	1	11	—	—	—	—	—	—	—	—	—	April
4.3	5.4	5.6	5.1	17	9	14	4	3	—	—	—	0	5	5	—	—	—	—	—	—	—	—	—	Mai
6.1	6.4	5.7	6.1	109	20	21	17	15	—	—	—	0	5	11	—	—	—	—	—	—	—	—	—	Juni
4.6	4.9	5.3	4.9	59	22	10	12	11	—	—	4	0	10	8	—	—	—	—	—	—	—	—	—	Juli
5.6	4.7	4.8	5.0	125	59	3	11	10	—	—	2	0	9	8	—	—	—	—	—	—	—	—	—	August
6.0	5.8	4.4	5.4	99	24	23	15	12	—	—	—	0	6	6	—	—	—	—	—	—	—	—	—	September
6.7	6.0	6.2	6.3	37	11	8	11	8	—	—	—	1	5	13	—	—	—	—	—	—	—	—	—	Oktober
5.6	4.2	5.0	4.9	22	12	29	3	3	2	—	—	1	6	5	—	—	—	—	—	—	—	—	—	November
6.4	6.6	5.8	6.3	191	28	22	15	15	4	—	—	1	5	13	—	—	—	—	—	—	—	—	—	Dezember
5.3	5.3	5.0	5.2	780	59	VIII	115	98	19	1	6	5	90	99	—	—	—	—	—	—	—	—	—	Jahr

$\lambda = 9^\circ 21'$, $\beta = 47^\circ 12'$, $H_b = 1115^m$, $h_r = 1.6^m$.

Wildhaus.

Beobachter: **J. Nef.**

1918	Luft-Temperatur 7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	Bewölkg. Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●	●* >1.0	✳	▲	⚿	≡	helle	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen
Jan.	0.5	3.2	−0.1	0.9	−14.8	4	10.3	20	4.1	51	12	13	10	9	6	—	—	0	11	7	1	11	17	0	0	5	38	0	21
Febr.	−1.9	2.7	−1.2	−0.4	−14.7	16	8.0	8	3.9	32	10	22	7	7	6	—	—	1	10	6	0	0	18	2	0	4	41	0	19
März	0.2	5.4	0.9	1.8	−7.6	27	12.0	24	5.0	61	14	29	8	7	7	—	—	2	7	6	0	3	30	15	0	3	33	0	9
April	4.9	8.3	4.4	5.5	−2.3	10	15.2	13	7.3	109	40	15	12	9	6	—	—	4	2	14	2	17	13	12	0	1	23	0	22
Mai	10.5	14.3	9.0	10.7	3.6	1.14	20.8	19	5.4	59	14	19	8	8	—	—	1	0	5	9	0	7	29	12	0	7	19	0	19
Juni	9.6	11.9	8.0	9.4	2.5	5	19.6	14	6.9	287	71	21	18	18	—	—	—	1	2	13	0	0	15	6	0	2	36	0	31
Juli	13.3	16.7	12.7	13.8	5.5	28	28.6	17	6.0	169	60	28	11	11	—	—	1	0	5	10	0	2	18	4	0	2	29	0	38
Aug.	12.6	16.3	11.8	13.1	1.0	30	24.8	23	5.4	237	39	9	15	15	2	—	—	0	8	10	0	1	10	1	0	1	42	0	38
Sept.	10.8	14.1	11.0	11.7	3.0	30	22.5	18	6.0	130	30	23	14	14	—	—	—	1	3	9	0	0	15	10	0	0	47	0	18
Okt.	4.2	7.2	4.5	5.1	−0.5	28	17.0	23	6.8	59	19	8	12	11	5	—	—	2	4	15	0	7	22	16	0	0	37	0	11
Nov.	1.1	4.2	1.5	2.1	−7.0	16	18.0	6	5.7	59	20	27	7	7	3	—	—	5	6	8	0	5	22	21	0	0	30	0	12
Dez.	0.6	2.8	1.1	1.4	−9.5	27	10.6	6	7.2	339	86	13	18	18	11	—	—	0	3	16	0	0	5	6	0	0	62	0	20
Jahr	5.5	8.9	5.3	6.3	−14.8	I	28.6	VII	5.8	1592	86	XII	140	134	46	—	2	16	66	123	3	53	214	105	0	25	437	0	258

$\lambda = 8^\circ 38'$, $\beta = 47^\circ 42'$, $H_b = 448^m$, $h_r = 1.5^m$.

Schaffhausen.

Beobachter: **G. Meyer.**

Jan.	−3.8	1.3	−1.7	−1.5	−18.3	5	10.6	22	6.9	54	16	7	12	9	4	—	—	8	5	17	0	1	0	0	0	13	3	0	76
Febr.	−2.3	3.1	−0.1	0.1	−9.8	17	11.3	8	6.5	19	8	28	5	5	2	—	—	8	7	13	2	2	4	0	0	12	1	0	63
März	0.9	8.9	3.5	4.2	−7.8	16	18.0	24	4.5	41	14	15	8	7	3	—	—	1	10	8	2	3	2	0	0	10	2	0	74
April	6.1	12.0	7.5	8.3	0.7	21	20.5	14	7.1	93	18	6	15	15	3	—	2	1	3	17	4	2	0	0	1	8	3	0	72
Mai	12.4	18.6	12.8	14.2	7.8	1	25.5	22. 23	4.5	64	22	*26	8	8	—	—	2	0	8	4	7	5	4	0	0	8	7	0	62
Juni	12.1	17.2	11.7	13.2	7.1	18	23.5	14	5.7	114	32	15	15	12	—	—	2	2	9	11	8	5	1	0	2	15	7	5	47
Juli	15.3	20.6	15.6	16.8	10.2	6	30.1	17	5.1	71	16	4	13	10	—	—	3	1	8	9	1	3	0	0	0	14	10	2	63
Aug.	14.0	21.1	15.0	16.3	5.8	31	29.5	23	4.4	74	22	2	13	10	—	—	1	5	10	4	2	1	0	0	2	18	3	2	65
Sept.	10.6	16.9	12.1	12.9	5.5	20	23.0	5.10	6.4	167	34	10	17	17	—	—	—	6	4	11	0	0	0	0	0	18	9	0	63
Okt.	4.9	10.5	6.7	7.2	−1.5	28	17.9	23	6.7	47	22	15	9	7	—	—	—	9	2	14	4	1	2	0	1	3	4	0	78
Nov.	1.5	5.0	2.6	2.9	−4.0	23	12.5	7	7.7	29	7	27	10	6	4	—	—	8	5	21	9	7	2	0	0	3	2	2	65
Dez.	2.1	4.8	3.1	3.3	−5.1	26	12.6	14	8.2	98	16	23	17	14	4	—	—	7	2	22	0	0	0	0	0	32	1	2	58
Jahr	6.2	11.7	7.4	8.2	−18.3	I	30.1	VII	6.1	871	34	IX	142	120	20	—	10	54	73	151	39	30	15	0	6	154	52	13	786

$\lambda = 7^\circ 47'$, $\beta = 47^\circ 33'$, $H_b = 280^m$, $h_r = 1.6^m$.

Rheinfelden.

Beobachter: Frl. **A. Hoffmann.**

Jan.	−2.3	3.1	−0.4	0.0	−17.3	4	12.4	16	6.6	53	12	7	13	10	7	—	—	6	3	13	1	3	7	0	0	2	9	0	71
Febr.	−1.4	4.8	0.8	1.2	−8.9	20	11.9	8	4.7	35	8	28	7	7	1	—	—	2	10	7	2	2	14	1	0	0	3	0	62
März	1.2	9.5	3.5	4.4	−3.7	27	16.1	24	4.9	45	10	30	11	7	4	—	—	4	9	9	1	0	8	1	0	0	2	0	81
April	6.9	12.5	8.3	9.0	1.8	19	18.3	27	8.1	70	14	30	17	14	4	—	—	1	2	20	0	0	3	0	0	0	1	0	86
Mai	12.5	19.6	13.3	14.7	6.9	3	25.6	19	5.3	52	22	11	10	9	—	—	—	2	5	7	1	1	10	0	0	1	4	1	75
Juni	12.4	18.4	13.1	14.2	8.1	23	24.1	14	4.9	123	29	21	14	12	—	1	2	0	9	8	1	0	5	1	0	0	11	2	70
Juli	15.6	22.4	16.1	17.6	10.5	30	31.0	17	5.3	67	16	27	13	9	—	—	1	2	7	9	1	0	5	0	1	0	10	2	74
Aug.	14.3	21.6	15.2	16.6	7.7	31	29.5	23	4.6	59	12	24	11	9	—	—	1	7	6	4	0	0	2	1	0	0	15	2	73
Sept.	12.1	18.1	12.9	14.0	6.6	30	24.2	18	6.6	145	21	10	17	16	—	—	2	4	2	11	0	0	6	0	0	1	10	2	71
Okt.	6.2	11.0	6.9	7.8	−0.4	28	15.5	7	6.9	61	34	15	9	6	—	—	—	10	0	16	0	1	11	0	0	0	2	1	78
Nov.	3.6	7.1	4.6	5.0	−2.4	24	13.6	8	6.8	77	34	27	11	9	—	—	—	6	3	15	0	1	23	0	0	0	1	0	65
Dez.	4.5	6.6	4.7	5.1	−2.9	26	13.6	14	8.4	139	22	11	18	17	2	—	—	6	1	21	1	0	5	1	0	1	9	0	76
Jahr	7.1	12.9	8.2	9.1	−17.3	I	31.0	VII	6.1	926	34	X. XI	151	125	18	1	6	50	57	140	8	8	99	5	1	5	77	10	882

$\lambda = 9^\circ 36'$, $\beta = 46^\circ 49'$, $H =$ ca. 1350^m, $h_r = 1.2^m$.
seit Sept. ca. 1230^m.

Tschiertschen.

Beobachter: Frau **A. Sutermeister.**

Jan.	−3.8	0.9	−4.2	−2.8	−18.6	9	7.9	18	4.8	45	20	10	5	4	4	—	—	0	8	8	—	—	—	—	—	—	—	—	—
Febr.	−3.5	1.5	−3.3	−2.1	−13.6	16	6.5	24	4.1	27	23	22	4	3	4	—	—	1	12	7	—	—	—	—	—	—	—	—	—
März	−1.0	4.4	−1.0	0.4	−9.0	26	9.2	31	5.6	60	27	1	5	5	5	—	—	3	8	12	—	—	—	—	—	—	—	—	—
April	1.7	7.0	1.5	2.9	−3.6	21	11.5	13	8.1	51	11	22	10	9	4	—	—	7	0	19	—	—	—	—	—	—	—	—	—
Mai	5.7	13.1	5.5	7.5	2.9	12	18.7	22	5.1	31	11	14	6	5	—	—	1	5	7	7	—	—	—	—	—	—	—	—	—
Juni	5.0	10.3	4.9	6.3	1.1	5	17.1	14	6.6	111	21	12	16	16	2	1	—	8	7	14	—	—	—	—	—	—	—	—	—
Juli	8.6	16.2	8.7	10.6	4.3	28	26.7	17	5.6	68	20*	10	12	12	—	—	2	6	6	10	—	—	—	—	—	—	—	—	—
Aug.	8.5	15.5	8.3	10.2	3.1	30	26.2	23	5.8	134	46	3	12	12	—	1	1	5	5	11	—	—	—	—	—	—	—	—	—
Sept.	7.2	13.5	7.2	8.8	4.1	21	23.7	18	6.4	131	25	30	18	14	—	—	—	7	5	11	—	—	—	—	—	—	—	—	—
Okt.	3.3	8.2	3.6	4.7	−1.5	28	14.3	7	6.8	43	14	8	14	10	4	—	—	11	5	16	—	—	—	—	—	—	—	—	—
Nov.	−0.9	3.9	−0.8	0.3	−6.2	19	13.0	7	6.0	32	12	29	7	3	5	—	—	6	4	11	—	—	—	—	—	—	—	—	—
Dez.	−2.5	1.5	−2.1	−1.3	−10.6	26	8.5	6	7.1	211	50*	13	17	14	15	—	—	2	3	16	—	—	—	—	—	—	—	—	—
Jahr	2.3	8.0	2.3	3.8	−18.6	I	26.7	VII	6.0	944	50*	XII	126	107	43	2	4	61	70	142	—	—	—	—	—	—	—	—	—

$\lambda = 9^\circ 26'$, $\beta = 46^\circ 55'$, $H_b = 950^m$, $h_r = 1.5^m$.

Vättis.

Beobachter: **F. W. Sprecher.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	-2.1	3.1	-1.6	-0.5	-17.5	4	10.2	18.24	68	53	68	63	16	5	3.9	3.6	3.0	3.5	38	18	8	8	8	6	—	—	0	17	5
Febr.	-3.6	3.6	-1.9	-0.9	-12.6	16	8.5	9	72	47	69	63	22	3	3.8	2.9	2.7	3.1	41	27	22	6	5	5	—	—	0	14	4
März	-0.4	7.1	1.2	2.3	-10.6	27	13.2	24	74	44	71	63	22	19	4.9	4.7	4.7	4.8	44	17	1	8	6	7	—	—	2	8	6
April	4.9	9.9	5.4	6.4	-2.2	22	15.8	14	69	55	72	65	29	9	6.0	7.1	6.7	6.6	78	17	15	14	12	3	—	—	0	1	10
Mai	9.8	15.6	9.6	11.2	3.7	2	22.2	22	69	46	68	61	23	4	4.2	4.8	3.7	4.2	22	8	12	6	5	—	—	—	0	8	4
Juni	10.2	13.9	8.7	10.4	3.8	5	21.7	14	74	57	80	70	28	8	5.9	6.2	6.0	6.0	185	27	21	18	17	—	—	—	0	6	10
Juli	13.6	18.6	12.7	14.4	7.4	28	30.0	17	73	53	78	68	20	17	4.5	4.9	5.3	4.9	102	21	10	12	12	—	1	2	0	9	7
Aug.	11.4	18.4	12.0	13.4	2.2	31	27.7	23	76	51	80	69	33	22.23 31	5.3	5.4	4.2	5.0	144	55	2	12	10	—	—	—	0	9	9
Sept.	10.3	15.9	9.9	11.5	3.3	14	24.8	18	79	59	83	74	29	18	5.4	6.1	4.3	5.3	137	42	23	14	13	—	—	—	0	6	5
Okt.	4.1	9.7	4.5	5.7	-3.2	31	16.4	26	81	58	82	74	28	21	6.4	5.9	5.8	6.0	49	15	8	10	9	3	—	—	3	6	11
Nov.	0.7	5.8	2.2	2.7	-7.3	21	17.2	5.6	69	55	70	65	23	23	4.4	3.8	4.8	4.3	35	13	27	4	3	3	—	—	0	9	5
Dez.	-0.9	3.3	-0.5	0.3	-12.1	27	8.8	15	84	69	84	79	31	5	7.2	6.1	5.3	6.2	261	60	22	13	12	8	—	—	0	6	14
Jahr	4.8	10.4	5.2	6.4	-17.5	I	30.0	VII	74	54	75	68	16	I	5.2	5.1	4.7	5.0	1136	60	XII	125	112	35	1	2	5	99	90

$\lambda = 8^\circ 48'$, $\beta = 46^\circ 49'$, $H_b = 6043^m$, $h_r = 1.0^m$.

Reichenau.

Beobachter: **H. Steiger.**

Jan.	-2.0	4.0	-0.7	0.2	-13.8	4	13.2	23	—	—	—	—	—	—	3.7	3.8	2.5	3.3	23	7	10	7	6	4	—	—	0	13	2
Febr.	-1.3	6.5	-0.3	1.1	-9.0	17	11.2	8	—	—	—	—	—	—	3.6	3.0	2.4	3.0	21	16	22	4	3	2	—	—	0	14	3
März	2.0	10.2	4.0	5.0	-1.2	27	17.8	24	—	—	—	—	—	—	4.1	4.2	3.4	3.9	37	19	1	6	6	2	—	—	0	10	2
April	7.2	13.4	7.7	9.0	1.4	21	19.2	14	—	—	—	—	—	—	6.2	6.6	5.5	6.1	44	14	15	12	11	2	—	—	0	0	6
Mai	13.0	18.8	13.0	14.5	7.4	15	25.4	23	—	—	—	—	—	—	3.9	4.5	4.5	4.3	12	7	14	3	2	—	—	1	0	5	2
Juni	12.0	17.1	12.2	13.3	6.2	18	26.0	14	—	—	—	—	—	—	5.7	5.8	5.9	5.8	168	27	21	17	16	—	—	—	0	3	7
Juli	15.2	21.1	15.6	16.9	9.4	27.28	32.4	17	—	—	—	—	—	—	3.8	5.0	4.6	4.5	63	25	10	12	11	—	—	—	0	8	5
Aug.	13.8	20.6	14.7	15.9	7.8	31	30.0	23	—	—	—	—	—	—	4.4	4.5	4.8	4.6	128	51	3	10	9	—	—	1	0	8	4
Sept.	12.0	17.9	12.4	13.7	6.0	21	28.0	18	—	—	—	—	—	—	5.3	5.6	4.4	5.1	124	34	23	17	14	—	—	—	0	7	5
Okt.	5.9	11.5	6.7	7.7	-1.2	31	17.2	23	—	—	—	—	—	—	5.8	5.1	5.2	5.4	41	12	8	9	5	—	—	—	0	5	6
Nov.	1.4	7.4	3.0	3.7	-9.0	23	18.0	5	—	—	—	—	—	—	4.4	4.1	3.5	4.0	30	12	27	3	3	3	—	—	0	5	2
Dez.	0.5	3.7	0.7	1.4	-9.4	27	9.8	14	—	—	—	—	—	—	6.0	5.7	5.1	5.6	236	45	22	15	15	5	—	—	0	5	9
Jahr	6.6	12.7	7.4	8.5	-13.8	I	32.4	VII	—	—	—	—	—	—	4.7	4.8	4.3	4.6	927	51	VIII	115	101	18	—	2	0?	83	53?

$\lambda = 9^\circ 29'$, $\beta = 47^\circ 23'$, $H_b = 1152^m$, $h_r = 1.6^m$.

Schwäbrig (bei Gais).

Beobachter: **V. Lori.**

Jan.	0.1	2.1	-0.3	0.4	-14.2	3	10.0	20	66	64	68	66	33	20	5.0	4.3	4.6	4.6	66	20	8	9	9	8	—	—	3	11	8
Febr.	-1.6	1.4	-1.0	-0.5	-15.4	16	7.4	8	73	68	77	73	20	3.5.6	5.0	4.9	4.2	4.7	33	8	22	7	7	6	—	—	6	9	8
März	0.5	4.0	1.0	1.6	-8.8	27	12.1	24	73	61	72	69	31	16	6.3	6.0	4.6	5.6	31	7	1	9	9	8	—	—	8	8	11
April	3.7	7.2	4.1	4.8	-3.3	19.20	15.6	13	80	73	79	77	30	9	7.9	8.1	6.9	7.6	103	47	15	16	12	8	1	3	12	2	18
Mai	9.5	13.1	9.1	10.2	3.6	1	19.3	19	75	62	72	70	39	7	4.9	6.5	4.1	5.2	61	15	14	9	9	—	—	3	6	9	8
Juni	8.5	10.9	7.9	8.8	2.4	18	18.5	14	79	72	77	76	40	6	6.2	7.7	6.8	6.9	224	33	17	17	17	—	—	—	9	1	15
Juli	12.6	15.5	12.7	13.4	5.8	28	26.2	17	76	70	75	74	36	17	6.3	6.1	4.7	5.7	166	40	28	11	11	—	—	—	3	5	7
Aug.	11.9	15.3	12.1	12.9	0.8	30	24.3	22	78	71	76	75	41	17	5.3	6.5	5.2	5.7	203	47	9	14	13	2	—	—	2	9	12
Sept.	10.7	13.3	10.1	11.1	2.0	30	21.0	17	75	72	75	74	36	22	7.1	7.1	5.2	6.5	164	29	10	17	14	—	—	—	10	3	11
Okt.	3.8	6.2	4.2	4.6	-1.8	28	16.5	23	86	80	81	82	28	6	8.2	6.8	6.5	7.2	65	16	8	12	10	5	—	—	11	4	18
Nov.	1.2	2.8	1.0	1.5	-7.7	16	15.3	5	77	77	86	80	34	22	6.4	6.2	6.2	6.3	30	15	27	6	6	4	—	—	13	6	15
Dez.	0.5	2.2	1.3	1.3	-8.2	27	10.3	6	89	84	85	86	22	3	7.6	8.2	6.5	7.4	190	31	22	19	18	11	—	—	5	3	16
Jahr	5.1	7.8	5.2	5.8	-15.4	II	26.2	VII	77	71	77	75	20	II	6.3	6.5	5.5	6.1	1336	47	IV VIII	146	135	52	1	6?	88	70	147

$\lambda = 9^\circ 8'$, $\beta = 47^\circ 16'$, $H_b = 649^m$, $h_r = 1.9^m$.

Ebnat.

Beobachter: **J. J. Kuratle.**

Jan.	-3.9	2.6	-2.3	-1.5	-23.2	4	13.8	22	90	65	87	81	31	21.22	4.8	4.3	5.2	4.8	105	27	13	12	11	7	—	—	2	9	7
Febr.	-3.2	4.2	-1.3	-0.4	-13.7	16	12.0	8	88	60	86	78	28	8	4.5	4.0	5.8	4.8	50	21	22	6	6	3	—	—	3	7	4
März	-0.5	8.5	2.6	3.3	-8.7	27	16.4	18.24	89	49	80	73	22	19	5.0	4.6	4.6	4.7	51	15	29	8	7	6	—	—	0	8	5
April	4.6	11.5	6.4	7.2	-3.2	22	19.4	14	90	55	85	77	23	4	7.0	7.3	7.6	7.3	117	31	15	14	13	4	—	—	0	0	16
Mai	10.4	17.6	10.9	12.4	4.8	4	24.6	22	81	46	77	68	24	11.31	4.6	5.2	4.8	4.9	63	11	23	10	9	—	1	2	1	6	4
Juni	9.5	16.1	10.3	11.6	2.6	6	24.8	9	82	53	84	73	22	8	5.6	6.8	6.1	6.2	218	48	17	16	15	—	—	—	0	4	11
Juli	13.3	20.2	14.7	15.7	7.2	1.30	30.8	17	84	49	85	72	26	16	4.5	5.2	5.5	5.1	150	36	27	10	9	—	—	2	0	7	8
Aug.	13.0	20.7	14.3	15.6	2.8	31	28.2	22	82	47	86	72	32	16.23	4.6	5.3	5.4	5.1	181	50	6	13	12	—	—	2	0	6	7
Sept.	10.1	16.6	11.4	12.4	4.4	14	24.1	17	91	60	91	80	27	4.17	6.0	6.1	4.6	5.6	209	46	23	16	14	—	—	—	1	5	6
Okt.	4.5	9.6	5.1	6.1	-2.0	31	15.4	7.23	97	69	95	87	40	2.20	7.0	5.8	6.4	6.4	53	15	8	10	10	—	—	—	4	4	10
Nov.	0.1	5.7	1.5	2.2	-10.0	24	16.2	6	95	71	91	86	35	1.2	6.6	6.1	6.5	6.4	52	30	27	5	5	2	—	—	2	1	8
Dez.	0.6	4.6	1.6	2.1	-9.4	27	11.8	14	94	74	96	88	51	5	7.2	7.3	6.6	7.0	419	83	23	19	19	8	—	—	3	2	15
Jahr	4.9	11.5	6.3	7.2	-23.2	I	30.8	VII	89	58	87	78	22	III VI	5.6	5.7	5.8	5.7	1668	83	XII	139	130	30	1	6	16	59	101

$\lambda = 9°30', \beta = 47°29', H = 455^m, h_r = 1.4^m$.

Rorschach (Mariaberg).

Beobachter: **J. Büchel.** Frl. **E. Grob.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	⌇	≡	hell	trüb
Jan.	-1.5*	0.5*	-0.5*	-0.5*	—	—	—	—	85	78	78	80	35	22	8.6	7.1	7.3	7.7	69	32	8	7	7	4	—	—	8	1	18
Febr.	-0.5	3.2	1.4	1.4	-8.5	16	10.7	7	86	70	80	79	45	7	7.4	7.4	6.5	7.1	15	6	13	5	3	1	—	—	7	3	15
März	2.1	7.3	4.9	4.8	-4.3	27	14.8	24	85	58	68	70	39	29	5.7	5.0	4.9	5.2	24	8	3	5	5	2	—	—	0	9	9
April	6.7	11.6	8.9	9.0	1.4	19	17.6	13	84	57	71	71	38	26	8.5	7.4	8.2	8.0	49	10	15	13	9	2	—	—	0	0	19
Mai	12.2	17.4	13.8	14.3	7.6	3	23.3	23	76	50	65	64	37	28	6.3	6.0	5.8	6.0	47	18	11	9	7	—	—	1	1	5	11
Juni	12.3	15.6	12.9	13.4	8.3	18	21.5	14	75	59	67	67	35	7	7.3	7.2	6.7	7.1	151	25	21	18	18	—	—	—	0	0	14
Juli	15.8	19.7	16.8	17.3	10.6	28	27.0	17	74	55	68	65	36	12	5.6	4.9	6.6	5.7	129	28	4	11	11	—	—	1	0	5	10
Aug.	15.2	19.7	16.0	16.7	7.4	30	26.9	23	79	59	68	69	32	12	6.5	5.7	5.6	5.9	110	22	29	13	10	—	—	1	2	8	13
Sept.	12.7	16.4	14.2	14.4	7.0	20	22.5	18	84	64	73	74	42	16	7.2	6.9	5.9	6.7	108	20	20	13	13	—	—	—	3	3	12
Okt.	7.0	9.5	7.7	8.0	2.3	30	13.6	7	91	74	86	84	47	1. 7	8.5	6.8	7.4	7.6	47	12	8	11	10	—	—	—	10	3	18
Nov.	2.7	5.4	3.6	3.8	-3.3	16	13.7	7	93	78	86	86	46	15	8.7	7.9	7.3	8.0	26	12	27	6	4	—	—	—	15	1	20
Dez.	3.7	5.6	4.0	4.3	-5.3	27	12.8	13	84	76	86	82	45	18	9.0	7.8	7.2	8.0	172	29	19	19	17	3	—	—	8	2	20
Jahr	7.4	11.0	8.6	8.9	—	—	27.0	VII	83	65	75	74	32	VIII	7.4	6.7	6.6	6.9	947	32	I	130	114	12	—	3	54	40	179

$\lambda = 8°59', \beta = 46°54', H_b = 821^m, h_r = 1.5^m$.

Auen (Linthal).

Beobachter: **L. Curt.**

Jan.	-0.6	2.3	0.2	0.5	-13.6	4	11.4	22	65	56	64	61	25	21	3.6	3.9	4.0	3.8	74	19	10	9	8	6	—	—	5	14	6
Febr.	-1.1	3.5	0.3	0.7	-10.0	17	9.6	8	63	48	65	59	25	21	3.8	3.9	4.0	3.9	63	32	22	6	6	6	—	—	3	12	8
März	0.7	7.6	2.7	3.4	-7.3	27	12.8	24	72	43	67	61	22	12	4.5	4.8	4.5	4.6	59	24	1	9	8	6	—	1	5	11	8
April	5.4	10.4	6.5	7.2	-2.0	22	17.0	1	78	53	75	69	21	9	6.7	7.5	6.9	7.0	79	23	15	13	11	4	—	—	5	3	17
Mai	10.1	16.0	11.5	12.3	5.2	2	22.8	22	74	50	66	63	28	3.31	5.4	5.9	5.5	5.6	48	11	20	14	9	—	1	4	4	6	10
Juni	9.1	14.4	10.0	10.9	1.0	18	21.5	14	81	58	83	74	26	8	6.6	6.6	6.6	6.6	350	94	17	21	18	3	2	2	0	5	16
Juli	13.5	18.7	14.5	15.3	7.0	28	29.7	17	77	51	78	69	26	17	5.4	5.5	6.1	5.7	119	27	28	13	10	—	—	2	2	6	9
Aug.	12.4	18.1	13.5	14.4	4.1	31	26.4	22. 23	80	55	82	72	31	31	5.5	5.7	5.0	5.4	162	34	2	13	11	—	—	3	3	9	10
Sept.	10.3	15.5	11.6	12.3	5.3	30	22.0	18	83	60	81	75	26	22	5.7	6.3	4.7	5.6	171	56	23	19	16	—	—	2	7	7	7
Okt.	4.6	9.1	5.6	6.2	-1.6	31	19.8	23	79	63	71	71	32	23	7.3	6.6	6.4	6.8	86	22	8	12	8	2	—	—	10	7	16
Nov.	1.5	4.8	2.4	2.8	-7.5	23	18.9	6	70	63	70	68	27	6. 7	5.3	4.6	5.4	5.1	81	32	27	7	6	5	—	—	6	5	8
Dez.	0.9	3.1	1.6	1.8	-9.4	27	9.2	6	79	69	75	74	35	6	6.3	6.1	5.9	6.1	383	83	13	17	16	10	—	—	4	5	12
Jahr	5.6	10.3	6.7	7.3	-13.6	I	29.7	VII	75	56	73	68	21	IV	5.5	5.6	5.4	5.5	1675	94	VI	153	127	42	3	14	54	90	127

$\lambda = 8°26', \beta = 47°2', H_b = 450^m, h_r = 1.9^m$.

Weggis.

Beobachter: Frau **S. Naef.**

Jan.	-0.8	1.9	0.5	0.5	-10.3	4	12.4	22	90*	85*	88*	88*	—	—	8.2	7.3	6.3	7.3	56	27	8	11	9	5	—	—	7	2	15
Febr.	-0.4	3.1	1.3	1.3	-7.0	16	8.4	28	90*	80*	85*	85*	—	—	6.9	6.3	6.2	6.5	39	11	13	6	6	—	—	—	3	3	13
März	1.6	7.4	4.3	4.4	-2.4	16. 27	11.8	24	92	73	82	82	53	29	4.3	4.7	4.2	4.4	31	11	1	9	9	4	—	—	1	9	6
April	6.7	11.7	8.2	8.7	1.6	20	18.4	14	89	73	84	82	48	14	7.6	7.4	6.9	7.3	138	49	15	16	13	1	—	2	0	3	18
Mai	11.9	17.5	13.4	14.1	7.8	2	22.8	23	86	70	79	78	47	29	5.6	5.0	3.8	4.8	49	14	14	10	6	—	—	2	0	4	4
Juni	12.0	16.8	12.9	13.6	8.2	6	22.5	9	87	69	83	80	35	4. 7	5.8	5.8	6.2	5.9	256	57	17	17	16	—	1	4	0	5	11
Juli	15.8	20.5	17.0	17.6	10.8	28	26.0	16	86	70	82	79	52	29	4.3	4.7	5.4	4.8	99	23	3	12	9	—	—	2	0	6	7
Aug.	14.9	20.0	15.9	16.7	6.8	30	24.8	18. 22	89	73	86	83	55	28	4.9	4.8	4.6	4.8	149	43	29	12	11	—	—	4	0	7	6
Sept.	12.6	16.5	13.6	14.1	9.0	24	20.8	19	93	81	89	88	60	3.13	6.7	5.8	5.2	5.9	190	30	23	17	14	—	—	3	0	4	10
Okt.	6.9	9.8	7.7	8.0	2.8	28	14.6	23	93	83	88	88	60	3	8.5	7.0	6.8	7.4	85	23	15	12	11	—	—	—	1	2	16
Nov.	3.5	5.8	4.3	4.5	-2.6	24	14.3	7	94	86	90	90	64	8	9.8	7.7	7.2	8.2	42	17	27	6	5	—	—	—	3	0	16
Dez.	3.6	5.3	3.8	4.1	-2.6	27	10.8	13	92	87	93	90	61	20	8.3	8.0	7.8	8.0	148	25	28	18	16	4	—	—	4	0	21
Jahr	7.4	11.4	8.6	9.0	-10.3	I	26.0	VII	90	77	86	84	35	VI	6.7	6.2	5.9	6.3	1282	57	VI	146	125	14	1	17	19	45	143

$\lambda = 8°31', \beta = 46°59', H_b = 442^m, h_r = 3.0^m$.

Gersau.

Beobachter: **H. B. Stocker.**

Jan.	0.3	2.5	1.3	1.3	-8.0	4. 6	15.0	22	86	80	82	83	34	21	—	—	—	—	62	14	16	10	10	7	—	—	0	—	—
Febr.	0.5	3.4	1.3	1.6	-7.9	16	8.5	10. 28	88	76	86	83	50*	0.20	—	—	—	—	49	13	22	6	6	3	—	—	0	—	—
März	3.1	7.6	4.9	5.1	-0.5	2	13.0	25	87	65	78	77	47	5.19	—	—	—	—	45	10	1	10	9	3	—	—	0	—	—
April	7.5	11.8	8.3	9.0	3.0	19. 20. 21	19.0	14	83	67	79	76	35	4. 9	—	—	—	—	126	37	15	15	15	—	—	—	0	—	—
Mai	13.3	17.8	13.7	14.6	9.0	1. 2. 14	23.0	18. 19	74	61	71	69	35	6	—	—	—	—	66	14	14	9	9	—	—	—	0	—	—
Juni	13.9	17.0	13.1	14.3	7.0	17	23.0	9	72	63	74	70	40*	30	—	—	—	—	271	78	17	16	16	—	—	—	0	—	—
Juli	17.7	20.6	17.6	18.4	11.0	28	26.5	17	69	64	73	69	45	21	—	—	—	—	124	27	3	11	11	—	—	—	0	—	—
Aug.	15.9	20.5	15.9	17.1	7.5	30	26.0	17	80	64	79	74	50	17	—	—	—	—	192	41	29	11	11	—	—	—	0	—	—
Sept.	13.3	17.0	13.6	14.4	7.5	30	21.3	19	86	71	84	80	52	1.13	—	—	—	—	221	42	23	16	15	—	—	—	0		
Okt.	7.5*	10.5*	8.0*	8.5*	—	—	20.2	23	85*	75*	80*	80*	35	23	—	—	—	—	86	30	8	11	10	—	—	—	2	—	—
Nov.	4.6	6.6	4.5	5.0	-1.1	16	15.2	9	87	80	83	83	49	6	—	—	—	—	79	25	27. 28	6	6	—	—	—	4	—	—
Dez.	3.6	5.3	4.5	4.5	-0.6	26	10.7	30	85	83	87	85	54	20	—	—	—	—	241	40	28	16	16	?	—	—	0	—	—
Jahr	8.4	11.7	8.9	9.5	-8.0	I	26.5	VII	82	71	80	77	34	I	—	—	—	—	1562	78	VI	137	134	?	?	?	6	—	

$\lambda = 8°37', \beta = 46°44', H_b = 742^m, h_r = 1.5^m$.

Gurtnellen.

Beobachter: **J. Ernst.**

1918	Luft-Temperatur 7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	Relative Feuchtigkeit 7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Bewölkung 7³⁰	13³⁰	21³⁰	Mitt.	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≥1.0	*	▲	⌇	≡	helle	trübe
Jan.	1.1	2.9	1.1	1.5	−10.6	4	11.5	23	74	71	76	74	33	15	3.2	3.9	3.2	3.4	66	17	13	7	7	6	—	—	1	15	6
Febr.	−1.2	2.2	0.2	0.3	−7.1	16	8.3	28	84	70	80	80	35	3	2.6	4.3	2.9	3.3	47	16	22	7	7	6	—	—	1	14	5
März	2.4	6.7	3.3	3.9	−3.3	28	13.3	19	75	65	72	71	28	19	4.4	5.2	4.6	4.7	83	36	2	7	6	5	—	—	1	10	9
April	7.0	9.8	7.3	7.9	−0.8	22	15.2	13	79	68	80	76	41	11	6.9	7.6	6.3	6.9	52	12	18	9	8	4	—	—	0	2	13
Mai	11.6	15.6	11.8	12.7	6.0	2	24.0	21	81	60	75	72	35	13. 21	5.3	5.7	5.3	5.4	47	16	1	9	8	—	—	—	1	6	8
Juni	10.4	14.5	11.4	11.9	3.2	18	22.2	14	90	68	86	81	41	2.8.19	5.2	6.4	6.5	6.0	301	92	17	15	15	1	—	—	0	3	10
Juli	13.8	19.6	15.6	16.2	9.1	29	32.3	17	87	60	85	77	35	20	5.1	6.0	4.9	5.3	63	18	10	15	11	—	—	—	0	8	10
Aug.	13.7	19.1	14.9	15.6	6.1	31	29.6	23	89	66	87	81	37	23	5.1	4.7	4.5	4.8	126	28*	29	12	11	—	—	—	1	12	8
Sept.	12.2	16.1	12.4	13.3	5.3	24	22.6	5	87	73	89	83	35	10	5.6	6.1	5.5	5.7	156	56	23	14	14	—	—	1	1	6	10
Okt.	6.2	9.3	6.9	7.3	0.0	31	14.1	24	96	79	89	88	36	21	6.6	5.9	6.0	6.2	77	19	15	9	8	2	—	—	2	6	13
Nov.	3.1	6.1	4.5	4.5	−4.2	23	18.2	5. 6	85	77	79	80	28	23	6.2	5.1	5.0	5.4	46	22	29	3	3	3	—	—	3	5	8
Dez.	1.4	3.3	2.3	2.3	−5.0	27	8.1	14	90	87	89	89	50	26	5.5	6.1	4.6	5.4	315	54	22	16	15	9	—	—	1	8	10
Jahr	6.8	10.1	7.6	8.1	−10.6	I	32.3	VII	86	70	82	79	28	III XI	5.2	5.6	4.9	5.2	1379	92	VI	123	113	36	—	1	12	95	110

$\lambda = 8°35', \beta = 46°38', H_b = 1442^m, h_r = 0.8^m$.

Andermatt.*)

Beobachter: P. **B. Berthod.**

Jan.	−5.8	−3.4	−4.8	−4.8	−21.2	4	5.3	17	—	—	—	—	—	—	3.6	3.9	3.4	3.6	68	17	10	7	7	7	—	—	0	16	7
Febr.	−8.7	−2.3	−5.3	−5.6	−17.0	16	4.2	23. 28	—	—	—	—	—	—	2.1	1.8	2.3	2.1	41	15	22	6	6	6	—	—	1	21	4
März	−5.6	1.8	−2.3	−2.2	−13.8	10	8.8	24	—	—	—	—	—	—	3.7	3.4	4.8	4.0	105	45	2	10	8	10	—	—	0	12	7
April	1.2	4.9	2.1	2.5	−7.0	22	8.5	18	—	—	—	—	—	—	7.5	7.6	7.5	7.5	99	19	19	13	11	10	—		0	1	16
Mai	4.4	10.6	7.7	7.2	−0.2	3	18.3	23	—	—	—	—	—	—	4.3	4.3	5.1	4.6	58	28	14	10	9	1	—	—	0	10	5
Juni	5.4	10.1	7.5	7.2	−2.5	6	16.5	14	—	—	—	—	—	—	5.5	4.5	5.7	5.2	490*	150*	17	19	16	4	—	—	2	6	7
Juli	8.5	14.7	11.3	11.0	1.5	30	25.2	17	—	—	—	—	—	—	3.4	4.3	4.5	4.1	76	26	10	12	10	—	—	—	0	10	5
Aug.	7.6	14.3	10.5	10.5	−1.5	31	23.5	22	—	—	—	—	—	—	3.4	3.1	4.1	3.5	142	47	2	13	12	2	—	—	0	11	2
Sept.	7.7	13.1	8.9	9.6	0.0	14	20.2	17. 18	—	—	—	—	—	—	4.6	4.5	3.0	4.0	189	77	23	16	16	2	—	—	1	11	2
Okt.	1.5	5.3	2.4	2.9	−5.0	31	12.2	6	—	—	—	—	—	—	5.4	5.7	5.0	5.4	144	25	15	11	11	5	—	—	2	6	9
Nov.	−1.9	1.2	−0.5	−0.6	−11.2	20	11.3	6	—	—	—	—	—	—	3.8	4.1	4.3	4.1	53	20	28	5	5	4	—	—	1	13	7
Dez.	−5.0	−2.0	−4.4	−3.9	−20.0	17	4.5	30	—	—	—	—	—	—	5.2	5.3	3.9	4.8	315	61	23	14	14	10	—	—	0	12	13
Jahr	0.8	5.7	2.8	2.8	−21.2	I	25.2	VII	—	—	—	—	—	—	4.4	4.4	4.5	4.4	1780	150*	VI	136	125	61	—	—	7	129	84

*) Andermatt. Die Abendbeobachtung geschieht um 8³⁰.

$\lambda = 8°20', \beta = 47°16', H_b = 483^m, h_r = 0.9^m$.

Muri.

Beobachter: **A. Müller.**

Jan.	−2.5	1.0	−1.2	−1.0	−15.4	5	9.6	24	85	80	84	83	58	11	7.8	6.5	5.8	6.7	52	20	7	10	9	4	—	—	8	4	15
Febr.	−2.0	3.0	0.2	0.4	−7.5	16. 17	12.0	9	84	72	82	79	50	10	7.0	7.1	5.3	6.5	62	20	28	6	6	1	—	—	10	3	12
März	1.0	7.9	3.7	4.1	−4.8	16	14.7	24	84	68	77	76	48	19	6.0	4.6	4.0	4.9	42	8	3	8	8	4	—	—	4	10	9
April	6.0	11.6	7.4	8.1	0.4	21	18.0	13	82	65	80	76	44	11	8.2	7.8	6.4	7.5	71	18	18	13	12	2	—	—	1	3	16
Mai	12.3	18.0	13.0	14.1	6.8	1.14	23.8	22. 23	79	58	74	70	43	31	5.7	5.0	4.2	5.0	59	20	7	9	7	—	—	1	2	10	7
Juni	12.4	16.5	12.2	13.3	6.5	5	23.0	14	80	62	77	73	40	7. 8	6.6	6.7	5.3	6.2	180	36	21	14	13	—	—	4	4	6	11
Juli	16.1	20.7	16.3	17.3	*10.0	29	29.4	17	79	62	77	72	45	8	5.2	5.1	5.0	5.1	74	25*	3	10	9	—	—	2	1	7	7
Aug.	14.7	20.3	15.4	16.5	4.8	31	28.2	23	81	61	79	74	45	28. 31	5.9	4.3	4.5	4.9	73	24	2	14	14	—	—	1	2	8	6
Sept.	11.5	16.7	12.4	13.2	4.0	22	22.2	1	86	70	84	80	50	1	6.9	5.8	5.1	5.9	179	46	10	18	16	—		—	5	5	11
Okt.	5.5	9.7	6.6	7.1	0.2	29	16.5	23	87	74	85	82	53	2	9.1	6.8	6.7	7.5	63	33	15	10	9	—	—	—	5	1	17
Nov.	1.9	4.8	3.0	3.2	−4.7	24	13.0	7	87	79	86	84	55	13	8.7	8.1	6.7	7.8	46	16	28	7	5	—	—	—	8	2	16
Dez.	2.4	4.8	2.9	3.2	−4.0	26	12.0	30	86	81	87	85	58	25	8.7	8.3	7.9	8.3	238	40	23	18	15	2	—	—	7	1	20
Jahr	6.6	11.3	7.7	8.3	−15.4	I	29.4	VII	83	69	81	78	40	VI	7.2	6.3	5.6	6.4	1139	46	IX	137	123	13	—	8	57	60	147

$\lambda = 8°19', \beta = 47°22', H_b = 381^m, h_r = 9.6^m$.

Baden.

Beobachter: **J. Schlosser.**

Jan.	−2.4	1.7	−1.0	−0.7	−18.5	5	12.1	22	95	86	92	91	55	21	8.5	6.2	5.6	6.8	57	9	7	10	8	5	—	—	19	3	11
Febr.	−1.9	3.5	−0.2	0.3	−8.9	17	11.3	12	92	71	92	85	41	16	7.2	6.8	5.6	6.5	25	8	13	5	5	2	—	—	12	3	13
März	1.0	9.0	3.1	4.1	−5.3	16	17.3	24	93	58	87	79	32	27. 28	6.5	4.5	4.4	5.1	47	11	15	7	6	3	—	—	8	8	11
April	6.5	12.3	7.8	8.6	0.7	19	19.9	13	95	61	88	81	29	26	8.6	7.9	7.3	7.9	78	15	27	16	12	2	—	1	2	0	17
Mai	12.8	19.0	12.6	14.2	7.5	1	25.3	19. 23	83	50	83	72	28	19	5.3	5.5	4.5	5.1	40	15	11	7	7	—	—	—	4	8	8
Juni	12.6	16.9	12.5	13.8	7.3	19	23.7	14	82	59	82	74	28	6. 7	5.9	6.0	4.1	5.3	160	36	15	16	15	—	—	2	3	6	10
Juli	15.8	21.2	16.0	17.3	11.3	6	30.7	17	83	54	85	74	32	31	5.1	4.9	4.5	4.8	78	15	3	12	9	—	—	1	2	8	8
Aug.	14.6	20.9	15.5	16.6	7.1	31	30.1	23	92	55	87	78	31	23	6.1	5.0	3.7	4.9	86	19	2	12	11	—	—	1	6	5	4
Sept.	11.4	17.2	12.5	13.4	6.1	14. 16 22. 30	26.0	16	95	67	93	85	38	10	8.9	6.8	5.1	6.9	176	36	10	16	16	—	—	—	11	1	10
Okt.	6.0	10.2	6.8	7.4	−0.7	28	15.9	7	98	72	96	89	41	2	9.2	6.6	6.3	7.4	47	31	15	7	6	—	—	—	19	1	15
Nov.	2.0	5.6	3.5	3.8	−3.5	17	11.9	7	92	76	89	86	40	13	8.4	7.6	7.4	7.8	36	17	27	10	6	2	—	—	14	2	19
Dez.	3.1	5.1	3.3	3.7	−2.5	26	11.5	14	92	84	94	90	56	25	8.5	8.9	8.3	8.6	193	44	22	17	15	3	—	—	11	0	21
Jahr	6.8	11.9	7.7	8.5	−18.5	I	30.7	VII	91	66	89	82	28	V VI	7.3	6.4	5.6	6.4	1023	44	XII	135	116	17	—	5	111	45	147

Liestal.

$\lambda = 7^\circ 44'$, $\beta = 47^\circ 29'$, $H_b = 325^m$, $h_r = 1.5^m$. Beobachter: **H. Pfaff.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	-3.1	4.0	-0.5	0.0	-17.3	4	12.6	16	94	72	89	85	44	22	6.0	4.9	6.3	5.7	57	17	7	11	8	5	—	—	5	5	8
Febr.	-2.3	6.3	0.6	1.3	-10.2	17	12.9	24	95	60	92	83	37	26	4.1	5.3	3.6	4.3	37	10	21	8	7	2	—	—	1	11	6
März	0.3	10.5	3.4	4.4	-5.9	27	20.6	25	96	54	88	79	32	12. 28	5.3	5.2	3.7	4.7	38	9	29	9	7	3	—	—	2	11	10
April	6.1	12.4	7.7	8.5	0.5	19	21.3	4	96	63	91	83	29	4	8.5	8.8	7.9	8.4	65	14	30	16	14	4	—	2	2	1	20
Mai	12.8	21.0	12.9	14.9	8.8	2	28.3	19	81	48	86	72	29	19.30 31	5.2	5.8	4.5	5.2	47	23	11	9	8	—	—	5	1	7	4
Juni	12.6	19.5	12.7	14.4	7.5	23	26.1	14	82	53	87	74	26	8	5.6	6.2	4.9	5.6	97	19	10. 20	14	13	—	—	6	1	7	10
Juli	16.1	23.5	15.7	17.8	10.4	28	35.9	17	80	52	91	74	32	1	5.4	5.7	4.3	5.1	66	16	23	10	9	—	—	3	0	8	8
Aug.	14.6	23.5	14.6	16.8	5.9	31	33.6	23	88	54	96	79	33	16	5.0	5.6	3.6	4.7	60	14	4	11	10	—	—	4	1	7	7
Sept.	11.5	19.2	12.6	14.0	5.1	21	26.8	16	96	64	97	86	37	10	7.2	6.8	5.3	6.4	138	22	10	17	17	—	—	1	0	5	13
Okt.	5.0	11.8	6.3	7.3	-1.7	28	17.8	7	100	70	100	90	38	29	7.7	5.8	6.2	6.6	61	35	15	9	6	—	—	—	6	4	13
Nov.	1.7	7.1	3.2	3.8	-7.1	24	15.6	3. 5	97	78	94	90	39	13	7.3	6.4	6.2	6.6	67	25	27	10	8	—	—	—	5	7	17
Dez.	3.2	6.5	3.9	4.4	-5.0	26	13.7	17	96	82	94	91	49	18	8.0	8.0	6.3	7.4	126	18	11	17	15	4	—	—	5	3	18
Jahr	6.5	13.8	7.8	9.0	-17.3	I	35.9	VII	92	62	92	82	26	VI	6.3	6.2	5.2	5.9	859	35	X	141	122	18	—	21	29	76	134

Olten.

$\lambda = 7^\circ 54'$, $\beta = 47^\circ 21'$, $H =$ ca. 400^m, $h_r = 1.5^m$. Beobachter: **J. Näf-Senn.**

1918	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	-2.2	1.5	-0.6	-0.5	-19.0	5	9.8	19. 23	90	81	85	85	50	9	8.9	7.1	6.8	7.6	61	12	7	9	9	3	—	—	15	3	18
Febr.	-1.9	3.8	0.7	0.8	-9.0	17. 20	11.0	8	90	67	84	80	30	26	7.2	6.7	5.9	6.6	46	16	22	7	6	2	—	—	13	4	14
März	1.2	8.8	4.0	4.5	-2.8	9. 27	16.2	25	94	51	73	73	24	28	6.2	5.4	4.6	5.4	43	11	30	10	8	3	—	—	6	7	9
April	5.8	12.3	8.5	8.8	-0.8	3	19.0	13	90	53	81	75	26	25	8.9	8.2	7.9	8.3	76	21	30	14	13	4	—	—	3	2	21
Mai	11.7	19.4	13.8	14.7	6.0	3	25.4	22. 23	81	41	69	64	24	29	6.2	6.2	5.0	5.8	55	24	11	8	8	—	—	1	4	4	8
Juni	11.6	17.7	12.9	13.8	6.4	19	24.0	14	80	49	76	68	25	6. 8	6.3	6.5	5.7	6.2	198	44	15	15	14	—	—	3	2	5	12
Juli	14.6	21.9	16.7	17.5	9.8	28	30.4	17	81	47	71	66	29	1	6.0	5.6	5.1	5.6	77	23	27	10	9	—	—	1	1	9	12
Aug.	13.5	21.4	15.4	16.5	5.2	31	29.2	23	90	46	80	72	27	23	6.4	5.3	4.0	5.2	74	18	4	11	11	—	—	1	4	5	5
Sept.	10.9	17.5	12.8	13.5	5.4	14	22.2	10. 16	97	60	89	82	32	3	8.3	6.6	6.0	7.0	174	34	10	17	16	—	—	—	6	2	14
Okt.	5.7	10.4	6.7	7.4	-0.4	28	17.0	7.23	95	66	92	85	32	2	9.0	6.5	6.3	7.3	60	38	15	9	7	—	—	—	9	3	17
Nov.	2.5	5.2	3.2	3.5	-3.0	15	11.0	9	93	76	89	86	40	15	8.8	8.0	7.5	8.1	71	21	28	9	8	2	—	—	11	1	21
Dez.	2.8	4.9	3.3	3.6	-2.6	3	12.0	14	95	83	96	91	45	17	9.3	9.4	8.8	9.2	240	39	22	20	16	4	—	—	10	0	27
Jahr	6.4	12.1	8.1	8.7	-19.0	I	30.4	VII	90	60	82	77	24	III. V	7.6	6.8	6.1	6.9	1175	44	VI	139	125	18	—	6	84	45	178

Allerheiligen (Kt. Solothurn).

$\lambda = 7^\circ 47'$, $\beta = 47^\circ 21'$, $H =$ ca. 930^m, $h_r = 1.5^m$. Beobachter: **Sanatorium.**

1918	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	0.7	3.3	1.2	1.6	-11.2	4	10.4	21	71	67	71	70	31	4	6.1	5.5	4.8	5.5	66	13	8	12	10	6	—	—	4	9	11
Febr.	0.5	3.8	2.2	2.1	-9.8	16	9.3	8	74	66	69	70	29	3	5.6	5.7	4.4	5.2	70	20*	22	6	6	3	—	—	3	8	7
März	2.0	6.1	3.6	3.8	-4.8	27	13.2	24	80	67	72	73	38	28	6.3	6.2	4.0	5.5	50	16	30	10	8	5	—	—	7	7	11
April	4.9	8.4	5.9	6.3	-2.2	19	16.0	13	91	73	87	84	39	26	8.4	8.0	7.1	7.8	95	28	27	18	13	7	—	1	8	3	19
Mai	11.3	15.9	12.5	13.0	5.2	1	23.0	22	80	58	69	69	37	19	4.5	6.0	4.2	4.9	59	29	11	8	8	—	—	—	5	9	8
Juni	10.8	14.4	11.3	12.0	7.0	5	21.6	14	81	66	77	75	37	6	5.2	5.5	5.3	5.3	178	40	15	16	13	—	—	—	5	9	9
Juli	14.2	18.4	15.1	15.7	9.0	28	27.2	17	74	61	69	68	37	1	5.1	5.4	3.9	4.8	85	20	27	10	9	—	—	2	0	8	6
Aug.	14.1	18.1	14.9	15.5	7.2	30	27.2	23	80	64	79	74	36	23	5.1	5.4	3.5	4.7	103	29	4	12	12	—	—	—	4	9	5
Sept.	11.5	14.7	11.9	12.5	5.2	30	19.8	17	85	71	82	79	40	4	7.1	6.5	5.3	6.3	182	33	12	16	16	—	—	—	5	4	11
Okt.	5.6	8.6	6.0	6.5	0.6	31	16.8	27	92	80	90	87	49	2	7.4	6.6	6.1	6.7	61	38	15	9	9	2	—	—	8	5	14
Nov.	2.5	4.6	3.1	3.3	-5.6	23	13.2	8	87	82	85	85	50	13	5.8	5.6	4.4	5.3	52	19	28	7	7	3	—	—	9	5	7
Dez.	3.2	4.6	3.5	3.7	-3.2	2	11.0	6	87	82	86	85	34	6	6.8	6.5	6.4	6.6	200*	—	—	18*	15*	10*	—	—	8	3	16
Jahr	6.8	10.1	7.6	8.0	-11.2	I	27.2	VII VIII	82	70	78	77	29	II	6.0	6.0	5.1	5.7	1201	40	VI	142	126	36	—	3?	66	79	124

Lungern.

$\lambda = 8^\circ 10'$, $\beta = 46^\circ 48'$, $H = 726^m$, $h_r = 1.5^m$. Beobachter: **J. Renggli.**

1918	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	-1.9	2.9	-0.1	0.2	-15.4	4	14.0	22	88	71	79	79	30	21. 22	5.7	4.7	4.1	4.8	69	18	16	8	7	4	—	—	6	10	9
Febr.	-2.3	3.7	-0.5	0.0	-11.2	17	12.0	7	84	62	81	76	28	7.21	5.0	4.3	3.8	4.4	48	24	22	6	6	5	—	—	3	9	8
März	0.5	7.1	2.5	3.1	-4.4	27	13.6	19	86	55	82	74	36	19	5.4	5.8	4.5	5.2	86	45	2	9	8	5	—	—	5	8	7
April	4.8	10.6	7.1	7.4	0.2	19	18.6	14	93	62	79	78	32	4	7.8	7.9	7.1	7.6	80	19	30	15	12	4	—	—	9	2	19
Mai	10.7	16.6	12.0	12.8	5.4	1. 2	23.2	23	78	58	77	71	33	7	4.5	6.6	4.9	5.3	48	12	14	11	8	—	—	3	4	3	5
Juni	10.8	15.5	11.4	12.3	5.0	5	21.4	14	78	64	83	75	33	8	5.7	7.2	7.3	6.7	278	75	21	19	17	—	—	1	8	1	11
Juli	13.9	19.5	15.1	15.9	8.4	29	28.8	17	78	63	88	76	35	17	4.5	6.4	5.9	5.6	90	16	28	12	11	—	—	2	5	4	8
Aug.	12.7	19.5	14.1	15.1	5.0	31	26.6	22	92	59	91	81	42	31	5.3	5.4	4.7	5.1	156	36	2	14	13	—	—	1	1	6	6
Sept.	10.6	16.2	11.7	12.5	6.0	22	21.8	19	92	69	93	85	37	4	6.6	6.4	5.5	6.2	174	30	23	16	15	—	—	—	9	3	11
Okt.	4.5	9.0	5.7	6.2	-0.6	31	20.2	23	99	78	96	91	36	23	7.8	6.9	7.4	7.4	80	21	15	12	11	—	—	—	13	1	16
Nov.	1.6	[illegible]	2.5	2.9	-0.8	24	17.8	6	95	81	90	89	32	6	9.2	7.6	6.0	7.6	65	27	27	5	4	1	—	—	8	1	14
Dez.	1.4	4.6	2.6	2.8	-8.0	27	10.6	13	96	78	90	88	50	18	6.9	6.8	7.0	6.9	441	99	22	16	16	7	—	—	4	3	14
Jahr	5.6	10.8	7.0	7.6	-15.4	I	28.8	VII	88	67	86	80	28	II	6.2	6.3	5.7	6.1	1615	99	XII	143	128	20	—	7	75	51	125

$\lambda = 7°37'$, $\beta = 46°46'$, $H_b = 565^m$, $h_r = 1.9^m$.

Thun.

Beobachter: **Eidgen. Munitionsfabrik.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	✳	▲	K	≡	helle	trübe
Jan.	-3.4	1.4	-1.9	-1.4	-17.1	5	9.7	21	96	84	97	92	52	21	5.9	5.5	6.1	5.8	50*	—	—	*8	*8	3	—	—	12	4	11
Febr.	-2.2	3.8	0.1	0.4	-8.7	17	9.5	7.23	98	70	98	89	50	9.16 20.27	5.2	5.2	5.4	5.3	28	8	25	6	6	1	—	—	6	4	9
März	0.3	9.4	2.7	3.8	-4.7	9	18.1	24.25	96	52	95	81	32	17	5.3	5.1	5.4	5.3	50*	—	—	*7	*7	3	—	—	2	2	5
April	5.5	12.0	6.9	7.8	0.1	3	17.5	12	99	65	99	88	29	26	7.9	8.1	7.8	7.9	81	17	18	18	18	—	—	1	0	0	18
Mai	10.2	17.0	10.4	12.0	6.1	1	20.9	22	93	55	93	81	40	31	4.2	4.9	4.5	4.5	70	11	26	10	9	—	—	6	0	5	2
Juni	11.4	17.3	11.6	13.0	6.7	6	23.5	9	94	62	93	83	35	9	5.0	5.7	5.2	5.3	149	34	10	13	13	—	—	3	0	8	9
Juli	14.8	21.4	15.6	16.8	9.9	3	28.5	17	94	59	91	81	46	2.15 31	3.8	4.6	4.7	4.4	52	18	9	9	8	—	—	—	0	9	5
Aug.	13.5	21.1	15.2	16.2	5.1	31	29.1	22	99	60	93	84	42	27.28	4.5	4.8	5.0	4.8	85	25	2	13	12	—	—	4	4	8	8
Sept.	11.2	17.5	12.6	13.5	6.7	14	23.1	10	78	69	100	82	42	10	6.6	6.4	5.6	6.2	164	32	10	17	16	—	—	—	2	4	8
Okt.	5.0	10.2	6.8	7.2	0.1	29	15.5	5	100	78	97	92	49	2	6.3	6.0	6.0	6.1	61	31	15	11	8	—	—	—	8	2	9
Nov.	2.1	6.1	3.3	3.7	-3.7	24	13.5	7	98	81	99	93	65	25.26	5.8	5.4	5.2	5.5	39	15	29	6	6	1	—	—	9	0	6
Dez.	1.6	4.8	2.2	2.7	-7.2	23	10.7	19	97	85	98	93	57	19	6.5	6.7	6.8	6.7	89	16	19	15	13	4	—	—	6	1	11
Jahr	5.8	11.8	7.1	8.0	-17.1	I	29.1	VIII	95	68	94	87	29	IV	5.6	5.7	5.6	5.6	918	34	VI	133	124	12	—	14	49	47	101

$\lambda = 7°41'$, $\beta = 46°45'$, $H_b = 1125^m$, $h_r = 1.4^m$.

Heiligenschwendi (Thun). *)

Beobachter: **Sanatorium.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	✳	▲	K	≡	helle	trübe
Jan.	-0.7	3.2	-0.3	0.7	-14.0	4	9.6	16	76	71	76	74	50	6	4.3	4.4	3.6	4.1	59	21	16	9	8	8	—	—	0	14	8
Febr.	-1.5	3.5	-0.5	0.3	-12.4	16	9.6	8	77	66	81	75	42	6	3.7	3.7	2.6	3.3	36	11	28	6	6	5	—	—	0	14	6
März	-0.7	4.7	1.4	1.6	-6.8	27	11.2	25	83	69	82	78	49	15	4.7	5.6	3.6	4.6	54	30	2	7	7	5	—	—	1	10	7
April	3.4	7.0	4.0	4.5	-1.6	20	13.9	14	88	77	89	85	50	28	7.8	8.6	7.3	7.9	102	24	30	16	16	6	—	2	9	3	19
Mai	9.6	13.7	10.0	10.7	3.2	1	20.4	23	81	71	81	78	52	2	4.4	7.3	7.0	6.2	82	32	18	10	10	—	2	5	1	3	9
Juni	9.9	13.8	9.8	10.7	4.8	18	20.0	9.14	85	70	84	80	44	13	4.9	6.4	5.9	5.7	165	34	10	14	13	—	—	2	5	7	12
Juli	13.2	17.7	13.8	14.4	6.8	28	26.4	17	83	70	83	79	55	2	4.4	5.7	4.8	5.0	77	19	10	9	9	—	—	—	4	8	6
Aug.	12.5	17.1	13.0	13.8	3.7	30	25.0	22	85	72	86	81	55	28	4.7	5.5	4.4	4.9	130	36	2	11	11	1	—	3	3	10	7
Sept.	10.5	13.9	11.0	11.5	3.6	30	21.2	19	86	79	87	84	49	10	6.7	6.2	4.8	5.9	167	33	10	17	16	—	—	—	5	6	10
Okt.	3.4	7.3	4.3	4.8	-1.2	28	16.8	23	92	82	92	89	52	23	6.3	6.7	5.7	6.2	?	?	?	?	?	?	—	—	7	8	13
Nov.	1.3	4.8	1.8	2.4	-5.6	16	15.0	6	84	77	87	83	56	24	7.7	6.4	5.8	6.6	?	?	?	?	?	?	—	—	2	4	13
Dez.	1.1	4.0	1.8	2.2	-11.0	27	10.8	6	87	79	85	84	51	3	6.5	7.1	5.7	6.4	129	20	13	15	15	11	—	—	1	6	13
Jahr	5.2	9.2	5.8	6.5	-14.0	I	26.4	VII	84	74	84	81	42	II	5.5	6.1	5.1	5.6	?	36	VIII	?	?	?	2	12	38	93	123

*) Heiligenschwendi. Die Abendbeobachtung geschieht um 8³⁰.

$\lambda = 6°38'$, $\beta = 46°59'$, $H_b =$ ca. 1077^m, $h_r = 1.5^m$.

La Brévine (Châtagne).

Beobachter: Frau **J. Matthey de l'Etang.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	✳	▲	K	≡	helle	trübe
Jan.	-4.2	2.0	-2.5	-1.8	-22.6	5	11.6	25	77	60	76	71	20	4	4.5	5.0	4.7	4.7	93	27	7	11	11	6	—	—	1	12	11
Febr.	-5.4	3.2	-1.9	-1.5	-15.8	17	7.2	5	84	55	78	72	24	3.18	4.0	4.3	3.9	4.1	23	6	28	7	7	6	—	—	0	11	6
März	-4.3	4.7	-0.7	-0.3	-15.6	6	11.2	24	84	51	75	70	25	28	4.4	4.7	3.3	4.1	66	17	2	10	9	8	—	—	2	12	8
April	1.8	6.4	2.9	3.5	-3.6	3	14.2	14	85	64	85	78	35	26	8.1	9.2	7.7	8.3	148	30	14	18	16	10	—	1	2	1	20
Mai	8.0	13.5	9.2	10.0	-0.2	2	20.0	22	78	51	70	66	28	4	4.6	6.8	4.2	5.2	77	17	17	12	12	—	—	2	1	6	7
Juni	7.7	12.5	8.3	9.2	3.8	3	17.8	9	77	52	70	66	28	7	5.2	6.4	4.2	5.3	165	38	21	13	13	—	—	1	1	9	9
Juli	10.5	16.9	12.0	12.8	5.2	30	28.6	17	79	50	67	65	25	17	5.1	4.9	4.5	4.8	52	18	27	7	6	—	—	1	1	11	7
Aug.	10.3	16.7	11.5	12.5	-0.6	31	25.0	23	81	52	73	69	29	16	5.0	5.1	2.7	4.3	81	25	6	9	9	—	—	1	1	8	5
Sept.	8.5	14.0	9.5	10.4	-1.6	14	22.0	16	81	62	78	74	26	4	7.2	7.0	5.2	6.5	234	54	23	18	16	1	—	2	0	4	13
Okt.	1.1	6.7	2.5	3.2	*-5.0	28	15.2	23	85	65	85	78	33	6	7.0	5.7	5.2	6.0	66	22	15	12	12	3	—	—	?	8	15
Nov.	-0.9	5.8	0.7	1.6	-12.0	23	15.2	7	87	64	79	77	23	22	5.4	5.6	4.9	5.3	105	26	29	9	9	4	—	—	1	9	7
Dez.	-0.6	3.0	0.2	0.7	-12.2	26	10.6	6	89	74	85	83	25	2	6.9	7.5	6.9	7.1	293	52	22	17	17	9	—	—	4	4	16
Jahr	2.7	8.8	4.3	5.0	-22.6	I	28.6	VII	82	58	77	72	20	I	5.6	6.0	4.8	5.5	1403	54	IX	143	137	47	—	8	?	95	124

$\lambda = 7°0'$, $\beta = 47°9'$, $H_b =$ ca. 1200^m, $h_r = 1.5^m$.

Mont Soleil (ob St. Imier).

Beobachter: **A. Mathys.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	✳	▲	K	≡	helle	trübe
Jan.	-1.3	2.2	-1.0	-0.3	-14.8	8	9.6	25	68	61	68	66	31	4	5.5	5.5	4.7	5.2	88	16	16	12	10	7	—	—	2	10	11
Febr.	-2.0	2.8	-1.0	-0.3	-13.8	16	8.6	8	75	59	64	69	34	6	4.3	4.7	4.4	4.5	40	15	28	9	7	8	—	—	4	10	7
März	-0.6	4.8	0.6	1.3	-6.8	27	12.1	24	76	58	71	68	39	28	5.3	5.3	4.1	4.9	48	10	30	11	10	9	—	—	5	9	9
April	2.3	6.2	3.0	3.6	-4.3	19	14.8	14	84	66	83	77	47	13.14 26	8.3	9.1	7.4	8.3	115	26	30	19	16	10	1	—	11	1	20
Mai	9.1	13.6	9.1	10.2	4.4	14	21.2	22	75	54	73	67	34	21	5.0	7.5	5.1	5.9	57	15	11	13	12	—	—	—	0	5	8
Juni	8.3	12.3	8.1	9.2	3.2	23	17.8	7.14	78	61	73	71	36	7	5.5	6.9	4.4	5.6	196	49	21	15	15	—	—	2	4	5	8
Juli	11.6	16.4	12.1	13.0	6.0	28	26.5	17	75	57	70	67	34	8	5.7	5.9	4.2	5.3	61	14	10.27	11	7	—	—	2	3	9	10
Aug.	11.6	16.3	11.7	12.8	4.4	30	25.4	22	77	59	73	70	38	23	5.5	5.9	3.2	4.9	63	21	24	11	9	—	—	1	0	6	6
Sept.	9.1	12.9	9.5	10.2	2.2	30	20.0	17	81	68	83	77	40	22	7.8	7.5	5.8	7.0	242	48	23	18	16	—	1	4	3	4	15
Okt.	2.8	6.8	3.4	4.1	-1.2	28	14.8	23	85	69	84	79	29	7	6.8	6.4	5.2	6.1	77	34	15	13	12	2	1	—	12	6	13
Nov.	0.6	4.2	0.6	1.5	-7.0	16	14.3	6	77	66	82	75	23	12	6.4	6.4	6.2	6.3	87	25	28	10	8	4	—	—	10	4	12
Dez.	0.8	2.9	1.0	1.4	-8.2	25	10.0	6	84	76	83	81	17	3	8.2	7.9	6.2	7.4	317	60	23	21	18	14	—	—	5	2	16
Jahr	4.2	8.5	4.8	5.6	-14.8	I	26.5	VII	78	63	76	72	17	XII	6.2	6.6	5.1	6.0	1391	60	XII	163	140	54	3	9	59	71	135

$\lambda = 7°4'$, $\beta = 46°39'$, $H_b = 727^m$, $h_r = 1.5^m$.

Marsens.

Beobachter: **A. Charrière.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage								
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	⌇	≡	helle	trübe
Jan.	-3.1	2.6	-1.0	-0.6	-18.6	5	10.6	21	80	69	77	75	40	12	5.9	5.1	4.7	5.2	60	19	16	8	7	2	—	—	4	10	11
Febr.	-3.1	5.0	-0.4	0.2	-11.4	17	9.8	9.23	80	56	75	70	29	20	4.6	4.0	2.3	3.6	33	17	28	5	5	1	—	—	2	13	4
März	-1.1	6.4	2.1	2.4	-7.4	7	13.0	25	82	55	75	71	18	28	5.7	5.3	3.7	4.9	50	18	2	9	7	3	—	1	2	8	9
April	4.3	9.9	5.9	6.5	0.0	19. 20	16.2	14	86	60	78	75	33	3	8.5	9.1	6.7	8.1	74	14	18	17	14	5	—	1	1	2	20
Mai	10.0	17.0	11.9	12.7	6.0	2.15	23.2	21	81	48	66	65	34	28	4.6	6.3	5.3	5.4	53	16	7	10	9	—	1	4	0	4	10
Juni	10.3	16.7	11.5	12.5	4.9	6	22.2	14	81	49	67	66	22	24	5.0	6.2	4.5	5.2	162	36	15	16	14	—	—	3	0	9	11
Juli	13.7	20.2	14.9	15.9	7.1	29	27.8	17	79	49	67	65	31	6.18	4.8	5.3	4.7	4.9	70	21	9	10	8	—	—	2	0	6	9
Aug.	12.7	19.6	14.6	15.4	5.4	31	27.1	23	85	50	69	68	35	1.23	4.1	4.6	4.4	4.4	69	16	6	9	9	—	—	1	0	12	7
Sept.	9.9	16.4	11.4	12.3	5.8	14	22.2	19	88	64	80	77	38	21	7.8	7.6	6.0	7.1	311	76	10	17	16	—	—	6	2	4	17
Okt.	3.4	9.2	5.6	5.9	-2.2	3	14.4	7	90	69	84	81	37	7	7.9	6.1	6.3	6.8	68	35	15	10	7	—	—	—	4	3	16
Nov.	0.9	5.4	2.2	2.7	-7.4	23	13.2	7	89	74	86	83	57	25	9.0	6.9	6.3	7.4	45	19	29	8	6	1	—	—	4	0	15
Dez.	1.3	5.2	2.5	2.9	-8.2	27	10.8	14. 30	84	73	84	80	51	5	8.0	8.3	7.0	7.8	171	39	23	16	16	8	—	1	1	1	17
Jahr	4.9	11.1	6.8	7.4	-18.6	I	27.8	VII	84	60	76	73	18	III	6.3	6.2	5.2	5.9	1166	76	IX	135	118	20	1	19	20	72	146

$\lambda = 6°55'$, $\beta = 46°41'$, $H_b = 764^m$, $h_r = 1.5^m$.

Romont.

Beobachter: **Couvent des Capucins.**

Jan.	-2.1	1.6	-1.0	-0.6	-15.0	4	8.2	20	77	72	78	76	52	20	7.1	6.2	5.6	6.3	39	33	7	10	8	6	—	—	3	5	11
Febr.	-2.2	2.6	-0.4	-0.1	-10.6	17	8.4	8	81	69	80	77	42	8	5.4	4.4	4.7	4.8	32	20	28	6	6	2	—	—	5	8	6
März	-0.8	4.5	1.5	1.7	-5.4	27	13.0	25	83	65	79	76	37	28	6.5	5.3	5.0	5.6	51	19	2	9	9	4	—	1	1	3	8
April	3.8	9.1	5.8	6.1	-2.0	20	15.1	14	84	68	80	77	44	26	8.5	8.4	7.1	8.0	93	19	18	17	17	4	1	1	2	0	19
Mai	9.4	16.2	11.8	12.3	4.4	2	22.0	23	80	55	69	68	40	22. 28	5.5	5.5	5.5	5.5	26	12	11	8	5	—	—	2	2	1	7
Juni	9.8	15.5	11.9	12.3	5.0	6	21.6	9	81	56	69	69	36	28	5.7	6.1	5.4	5.7	177	40	10	17	15	—	—	2	0	5	10
Juli	12.8	19.6	15.5	15.8	7.0	29	25.4	16	78	55	68	67	40	8	5.5	5.3	4.5	5.1	62	24	10	7	5	—	—	1	0	6	7
Aug.	12.6	19.3	14.9	15.4	4.8	31	26.2	22. 23	80	56	70	69	40	15	6.0	5.2	4.6	5.3	73	25	24	9	8	—	—	—	0	4	6
Sept.	10.5	15.7	12.2	12.6	5.0	14	22.8	5	83	65	79	76	44	1	8.0	7.1	6.4	7.2	262	58	10	17	17	—	—	—	2	1	14
Okt.	4.0	8.6	5.3	5.8	-0.6	28. 29	13.0	7	88	72	87	82	55	1. 2	8.4	6.9	7.2	7.5	55	27	15	12	7	—	—	—	7	0	15
Nov.	1.4	4.7	2.2	2.6	-4.0	19. 23	13.2	7	89	77	88	85	63	19	9.0	7.5	7.7	8.1	46	13	29	8	6	—	—	—	9	0	13
Dez.	1.6	3.9	2.3	2.5	-5.0	27	8.8	13. 30	88	80	87	85	62	3.28	8.5	8.2	7.5	8.1	180	37	23	15	15	6	—	—	2	0	20
Jahr	5.1	10.1	6.7	7.2	-15.0	I	26.2	VIII	83	66	78	76	36	VI	7.0	6.3	5.9	6.4	1096	58	IX	135	118	22	1	7	33	33	136

$\lambda = 7°2'$, $\beta = 46°13'$, $H_b = 1253^m$, $h_r = 1.5^m$.

Dailly.

Beobachter: **Intendance du Fort.**

Jan.	-0.1	3.0	0.8	1.1	-14.0	9	11.2	25	54	50	53	52	22	—	—	—	—	3.9	81	26	8	8	8	6	—	—	2	13	5
Febr.	-0.4	4.1	0.2	1.0	-11.1	16	11.6	24	50	37	46	44	16	—	—	·	—	2.5	21	11	28	4	4	4	—	—	0	17	2
März	-0.4	4.2	0.8	1.3	-7.0	27	12 8	24	60	48	52	53	22	—	—	—	—	3.3	73	30	2	6	6	4	—	—	3	12	2
April	2.3	5.7	2.7	3.4	-2.9	21	13.6	14	76	65	69	70	25	—	—	—	—	6.8	123	23	18	15	15	5	—	—	12	2	11
Mai	8.2	13.0	9.3	10.0	3.5	1	19.4	19	60	50	55	55	24	—	—	—	—	4.2	23	8	11	11	6	—	—	2	0	7	2
Juni	8.7	12.3	9.3	9.9	1.5	11	18.9	9.14	63	55	56	58	27	—	—	—	—	4.5	159	44	10	12	11	—	—	1	4	10	7
Juli	11.9	16.0	13.6	13.7	5.4	28	28.8	17	62	52	57	57	22	—	—	—	—	3.6	67	22	10	9	9	—	—	2	0	10	3
Aug.	11.5	16.3	13.0	13.5	4.2	31	25.5	21	68	54	56	59	33	—	—	—	—	3.6	74	25	24	8	8	—	—	—	0	12	2
Sept.	10.2	13.8	11.5	11.8	1.7	30	22.7	16	74	63	69	69	24	·	—	—	—	5.0	245	40	10	17	16	—	—	1	5	7	6
Okt.	3.6	7.3	4.4	4.9	-0.4	10	15.5	23	82	70	78	77	37	—	—	—	—	5.6	86	31	15	12	10	1	—	—	11	4	9
Nov.	1.8	4.6	2.1	2.7	-5.0	20	16.6	6	69	62	72	68	25	—	—	—	—	5.4	54	22	29	7	6	3	—	—	7	4	6
Dez.	1.2	3.7	1.9	2.2	-10.0	27	11.7	6	78	68	72	73	24	—	—	—	—	6.0	200	36	22	15	15	10	—	—	1	5	12
Jahr	4.9	8.7	5.9	6.3	-14.0	I	28.8	VII	67	56	61	61	16	II	—	—	—	4.6	1206	44	VI	124	114	33	—	6	45	103	67

absolute Extreme

$\lambda = 7°2'$, $\beta = 46°13'$, $H = 689^m$, $h_r = 1.5^m$.

Savatan.

Beobachter: **Intendance du Fort.**

Jan.	-0.3	2.4	0.5	0.8	-10.7	4. 5	13.8	22	71	66	73	70	21	—	—	—	—	4.6	88	25	8	8	8	5	—	—	1	11	9
Febr.	-0.8	4.3	1.5	1.6	-9.3	17	12.1	23	72	51	62	62	26	—	—	—	—	2.9	20	12	28	5	3	1	—	—	1	14	4
März	1.6	7.9	4.4	4.6	-3.1	1. 2	17.3	25	71	47	61	60	20	—	—	—	—	3.5	64	35	2	6	6	2	—	—	2	13	4
April	5.1	10.7	7.0	7.4	-1.9	21	19.7	14	82	56	68	69	23	—	—	—	—	7.0	99	17	18	16	13	2	—	—	1	4	14
Mai	9.5	18.4	12.8	13.4	4.1	31	24.5	22	80	44	60	61	24	—	—	—	—	4.4	27	10	11	12	7	—	—	2	0	6	2
Juni	9.6	17.6	13.3	13.5	4.7	11	25.3	9	85	52	57	64	18	—	—	—	—	4.7	131	32	10	11	11	—	—	1	0	9	6
Juli	13.3	21.1	17.1	17.2	7.1	29	30.9	15	77	49	56	61	28	—	—	—	—	3.9	67	26	10	10	8	—	—	2	0	10	3
Aug.	13.3	21.5	16.7	17.1	5.3	31	30.3	23	75	42	53	57	26	—	—	—	—	3.8	63	24	24	8	8	—	—	—	0	10	4
Sept.	12.0	16.6	13.3	13.8	5.9	14. 30	23.9	5	78	63	69	70	25	—	—	—	—	5.8	233	40	10	17	16	—	—	1	4	5	10
Okt.	5.4	10.2	7.3	7.5	-0.3	31	19.5	23	94	66	79	79	32	—	—	—	—	5.3	71	23	15	11	10	—	—	—	2	7	7
Nov.	2.6	5.8	4.0	4.1	-5.5	24	15.3	5	82	69	82	78	19	—	—	—	—	6.0	56	19	29	6	5	1	—	—	3	4	8
Dez.	1.7	4.1	2.1	2.5	-7.9	27	11.9	14	81	69	80	77	32	—	—	—	—	6.2	195	41	23	16	16	3	—	—	2	3	12
Jahr	6.1	11.8	8.4	8.7	-10.7	I	30.9	VII	79	56	67	67	18	VI	—	—	—	4.8	1114	41	XII	126	111	14	—	6	16	96	83

absolute Extreme

$\lambda = 7°56', \beta = 46°7', H =$ ca. 1800^m, $h_r = 1.5^m$.

Saas-Fee.

Beobachter: **A. Imseng.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	●	●* >1.0	✳	▲	⌇	≡	helle	trübe
Jan.	−6.0	−1.4	−5.2	−4.5	−17.1	4	8.0	23	57	48	53	53	24	12	3.1	3.5	2.9	3.2	22	9	8	6	6	6	—	—	0	16	3
Febr.	−6.9	1.0	−5.4	−4.1	−13.7	17	8.2	24	51	35	51	46	12	15	1.5	1.9	2.1	1.8	1	1	13	1	0	1	—	—	1	20	1
März	−5.1	1.0	−4.0	−3.0	−11.0	27	8.0	24	55	38	55	49	23	13	3.8	3.9	3.4	3.7	95	64	2	3	3	3	—	—	0	12	4
April	−0.5	3.1	−0.1	0.6	−7.8	22	8.8	15	69	52	68	63	30	23. 27	6.4	7.0	7.2	6.9	213	82	9	13	13	10	—	—	0	3	14
Mai	5.5	11.2	5.6	7.0	−1.6	3	17.7	23	55	36	53	48	21	23	3.4	3.8	3.2	3.5	48	18	6	6	6	—	—	—	0	15	5
Juni	7.2	11.3	6.9	8.1	2.2	5	18.5	14	61	43	59	54	21	4	3.7	4.6	5.5	4.6	147	45	10	11	11	—	—	—	1	11	9
Juli	10.6	16.3	10.2	11.8	5.0	28	24.0	17	58	34	50	47	18	21	3.2	3.4	2.7	3.1	14	8	23	2	2	—	—	—	1	12	2
Aug.	9.3	16.2	9.1	10.9	2.3	30	23.6	22	60	35	58	51	21	1	3.1	3.0	2.2	2.8	40	13	2	6	6	—	—	—	0	16	2
Sept.	7.6	13.0	7.6	9.0	1.8	13	19.4	16	67	47	67	60	18	14	5.1	5.7	5.4	5.4	137	41	23	16	16	—	—	—	2	8	7
Okt.	0.3	5.6	1.0	2.0	−4.7	18	10.8	10	71	61	69	64	19	28	4.4	4.2	5.3	4.6	190	40	22	11	11	5	—	—	2	8	8
Nov.	−2.6	2.6	−2.1	−1.0	−8.6	18	9.2	6	59	42	57	53	20	20	3.4	3.0	2.4	2.9	80	31	6	6	5	4	—	—	1	15	3
Dez.	−4.4	−1.3	−4.0	−3.4	−16.9	26. 27	8.1	13	64	54	62	60	26	27	4.3	5.1	5.2	4.9	177	44	23	11	11	9	—	—	1	10	11
Jahr	1.3	6.5	1.6	2.8	−17.1	I	24.0	VII	61	43	58	54	12	II	3.8	4.1	4.0	4.0	1164	82	IV	92	90	38	—	—	9	146	69

$\lambda = 7°51', \beta = 46°12', H_b =$ ca. 1629^m, $h_r = 1.5^m$

Grächen.

Beobachter: **B. Sarbach.**

Jan.	−3.3	0.3	−2.8	−2.1	−16.0	9	8.0	26	—	—	—	—	—	—	4.2	4.1	3.1	3.8	16	5	8	6	6	5	—	—	2	12	5
Febr.	−3.5	2.2	−2.1	−1.4	−12.3	16	10.0	13	—	—	—	—	—	—	2.2	2.3	2.1	2.2	2	1	25	2	1	2	—	—	2	18	1
März	−3.1	3.4	−1.5	−0.7	−8.9	27	9.1	24	—	—	—	—	—	—	4.0	3.7	2.7	3.5	94	80*	2	6	5	6	—	—	0	11	4
April	1.1	5.4	1.7	2.5	−5.6	23	10.2	15	—	—	—	—	—	—	6.6	7.3	6.6	6.8	?	?	?	?	?	?	—	—	1	1	12
Mai	7.7	12.3	8.2	9.1	2.0	1	17.2	19	—	—	—	—	—	—	3.7	4.4	3.5	3.9	15	10	6	3	3	1	—	—	0	9	2
Juni	8.8	12.5	8.6	9.6	3.2	10. 18	18.0	9	—	—	—	—	—	—	4.8	4.7	5.1	4.9	93	33	10	10	10	—	—	—	1	9	10
Juli	12.4	16.5	13.2	13.8	4.7	29	26.0	17	—	—	—	—	—	—	3.7	3.3	2.6	3.2	12	6	23	3	3	—	—	—	5	13	1
Aug.	10.8	16.3	12.6	13.1	3.7	31	23.0	22	—	—	—	—	—	—	3.2	3.0	2.2	2.8	35	18	2	6	6	—	—	—	2	14	1
Sept.	9.3	13.3	10.7	11.0	3.6	14	19.0	16	—	—	—	—	—	—	5.2	5.1	4.1	4.8	76	21	23	12	12	—	—	—	1	9	6
Okt.	2.0	6.1	2.9	3.5	−2.9	28	11.8	7	—	—	—	—	—	—	5.4	5.4	4.5	5.1	92	22	13	11	11	3	—	—	1	7	8
Nov.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dez.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jahr	—	—	—	—	−16.0	I	26.0	VII	—	—	—	—	—	—	—	—	—	—	—	80*	II	—	—	—	—	—	—	—	—

$\lambda = 7°45', \beta = 46°8', H_b = 1610^m, h_r = 0.8^m$.

Zermatt.

Beobachter: **B. Zurbriggen.**

Jan.	−6.3	0.6	−5.6	−4.2	−16.8	4	7.8	25	69	49	67	62	35	9	3.0	3.4	2.6	3.0	19	7	9	6	5	5	—	—	0	17	4
Febr.	−6.8	3.8	−4.6	−3.1	−13.0	16	11.2	24	65	41	62	56	22	15	0.9	1.6	1.7	1.4	2	1	25	2	1	2	—	—	1	23	1
März	−4.9	5.2	−2.7	−1.3	−11.0	6	12.2	25	68	42	62	57	25	6	3.4	3.4	3.2	3.3	60	50	2	3	3	3	—	—	0	15	3
April	0.4	7.6	1.2	2.6	−7.0	23	13.8	18	70	49	77	65	28	3	5.7	6.7	7.9	6.8	233	90	9	14	13	9	—	—	2	2	12
Mai	6.9	15.1	7.3	9.1	1.2	7	22.0	19	59	39	61	53	28	3	2.5	3.4	4.2	3.4	47	25	7	5	4	2	—	—	0	15	6
Juni	8.2	14.9	7.2	9.4	1.0	10	21.0	14	64	46	69	60	25	23	3.5	4.7	4.7	4.3	181	60	10	11	11	1	—	—	1	13	7
Juli	10.6	19.9	10.5	12.9	5.0	28. 30	30.0	17	68	39	66	58	26	12	3.2	3.2	3.2	3.2	27	13	10	5	4	—	—	—	0	15	4
Aug.	9.3	19.6	9.9	12.2	0.0	31	28.0	21	73	41	68	61	23	17	2.5	2.6	2.1	2.4	54	14	2	7	7	—	—	—	1	19	2
Sept.	7.2	16.1	8.8	10.2	0.0	14	22.0	16	77	50	75	67	24	15	4.3	4.9	4.5	4.6	101	24	23	13	13	—	—	—	4	11	7
Okt.	0.3	8.6	1.5	3.0	−5.6	18	16.0	7.10	80	50	77	69	25	30	4.3	4.3	3.9	4.2	185	52	14	12	12	3	—	—	1	13	8
Nov.	−2.5	5.7	−1.5	0.0	−9.0	16. 24	15.6	5	69	42	66	59	24	20	3.1	2.5	2.9	2.8	67	26	29	7	7	4	—	—	2	15	3
Dez.	−4.9	0.2	−4.2	−3.3	−17.0	26	6.0	6	75	69	75	70	40	6.26	4.1	4.9	4.4	4.5	187	39	22	15	15	13	—	—	2	13	8
Jahr	1.5	9.8	2.3	4.0	−17.0	XII	30.0	VII	70	46	69	62	22	II	3.4	3.8	3.8	3.7	1163	90	IV	100	95	42	—	—	14	171	65

$\lambda = 7°37', \beta = 46°23', H_b = 1415^m, h_r = 1.1^m$.

Leukerbad.

Beobachter: Schw. **P. Schänzle.**

Jan.	−3.1	1.1	−1.7	−1.3	−15.0	9	6.4	22	66	54	66	62	32	6	4.0	3.5	2.9	3.5	100	20	16	8	8	7	—	—	0	18	7
Febr.	−3.3	2.5	−1.5	−0.9	−11.0	16. 17	9.8	24	59	44	60	54	12	15	2.0	1.9	2.5	2.1	29	14	28	5	4	5	—	—	0	18	0
März	−2.1	3.6	−0.6	0.1	−8.4	27	9.6	25	68	46	64	59	29	6	4.0	3.3	1.9	3.1	43	12	2	7	7	7	—	—	3	14	2
April	2.2	7.0	3.0	3.8	−4.8	23	12.4	13	74	54	75	67	34	13	5.9	6.6	5.5	6.0	43	17	30	7	4	3	—	—	5	5	12
Mai	8.7	13.3	8.6	9.8	1.6	1	19.2	23	63	42	57	54	26	23	3.2	4.5	3.4	3.7	13	10	14	2	2	—	—	—	2	12	2
Juni	8.3	13.3	9.5	10.1	2.4	24	19.0	9	71	48	64	61	25	4	4.9	5.5	6.2	5.5	198	44	21	14	13	1	—	—	1	6	10
Juli	12.1	17.9	13.1	14.1	6.6	28	25.2	17	70	47	65	61	25	21	3.4	3.5	3.2	3.4	53	21	10	9	8	—	—	3	1	15	6
Aug.	12.3	17.6	12.8	13.9	4.6	30	24.2	22. 23	69	51	63	61	26	19	3.9	3.7	3.5	3.7	68	19	23	9	9	—	—	2	0	15	6
Sept.	9.5	14.5	10.4	11.2	3.6	13. 14	20.0	17	80	61	75	72	35	10	6.1	6.0	3.8	5.3	138	19	10	16	16	—	—	2	5	8	7
Okt.	2.6	7.7	3.5	4.3	−2.2	29	13.6	7	80	59	77	72	35	9	5.9	5.4	4.4	5.2	36	10	15	10	7	—	—	—	9	9	8
Nov.	−0.3	4.6	0.5	1.3	−6.4	18	15.2	6	70	53	70	64	26	21. 23	4.3	3.6	3.0	3.6	67	35	29	6	4	6	—	—	1	13	5
Dez.	−1.6	1.7	−1.0	−0.5	−13.0	27	7.0	6	80	67	79	75	39	8	4.6	5.5	4.5	4.9	360	89	22	17	17	13	—	—	1	10	10
Jahr	3.8	8.7	4.7	5.5	−15.0	I	25.2	VII	71	52	68	64	12	II	4.4	4.4	3.7	4.2	1148	89	XII	110	99	42	—	7	28	143	75

Airolo.

$\lambda = 8°36'$, $\beta = 46°31'$, $H_b = 1143^m$, $h_r = 0.8^m$. Beobachter: **P. Ziniker.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−4.0	−0.9	−3.0	−2.7	−12.2	4	3.2	29	80	73	77	77	39	9	4.2	4.3	3.8	4.0	59	16	22	11	9	9	—	—	1	16	10
Febr.	−2.6	4.8	−1.3	−0.1	−11.0	16	16.2	24	66	50	69	62	23	24	1.9	2.5	2.1	2.2	9	9	28	1	1	1	—	—	0	16	1
März	−1.2	4.8	0.5	1.2	−5.8	10	12.8	25	80	61	78	73	36	13	4.7	5.3	5.3	5.1	136	70*	2	10	8	10	—	—	0	8	7
April	2.7	6.7	3.3	4.0	−4.6	22	11.2	6	88	74	88	83	47	23	9.1	9.2	8.9	9.1	219	54	1	23	22	7	—	—	0	1	24
Mai	10.9	15.3	9.8	11.5	4.4	14	22.9	23	68	52	70	63	25	23	4.9	5.7	4.8	5.1	98	26	14	10	10	—	—	—	1	6	5
Juni	11.7	15.3	10.6	12.1	4.0	5	21.2	9	52	40	57	50	14	24	5.1	5.8	5.6	5.5	405	190	17	15	15	—	—	—	2	6	9
Juli	15.4	19.9	14.4	16.0	9.0	28	25.3	17	56	46	64	55	21	7	4.0	5.5	4.8	4.8	88	46	10	4	4	—	—	—	1	11	8
Aug.	13.5	19.1	13.5	14.9	6.7	30	25.3	18	71	53	75	66	32	27. 31	4.6	4.7	3.6	4.3	100	67	2	4	4	—	—	—	0	9	5
Sept.	10.1	15.4	10.3	11.5	5.9	14. 15	19.6	26	84	65	80	76	31	13	5.8	7.1	5.4	6.1	333	126	23	15	15	—	—	2	2	6	10
Okt.	4.7	9.4	5.1	6.1	−1.8	30	19.6	7	78	63	77	73	17	31	7.2	6.8	5.5	6.5	145	41	22	15	15	2	—	—	4	5	14
Nov.	0.0	3.9	0.5	1.2	−8.1	23	12.5	12	78	69	76	74	38	12	5.0	6.4	4.2	5.2	93	22	6	8	8	3	—	—	4	8	9
Dez.	0.0	1.9	0.3	0.6	−7.3	26	9.6	13	74	69	75	73	39	2	4.6	6.0	5.3	5.3	259	51	22	13	13	8	—	—	0	8	10
Jahr	5.1	9.6	5.3	6.4	−12.2	I	25.3	VII VIII	73	60	74	69	14	VI	5.1	5.8	4.9	5.3	1944	190	VI	129	124	40	—	2	15	100	112

Faido.

$\lambda = 8°48'$, $\beta = 46°29'$, $H_b = 759^m$, $h_r = 0.7^m$. Beobachter: **A. Heizmann.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−1.2	1.9	−0.4	0.0	−9.6	4	7.2	29	75	68	72	72	36	9	4.2	4.6	3.7	4.2	59	17	22	10	9	4	—	—	2	15	9
Febr.	1.0	6.6	2.3	3.0	−6.1	16	15.8	23	60	50	58	56	23	15	1.9	1.6	1.1	1.5	21	21	28	1	1	1	—	—	0	21	1
März	1.9	7.1	3.7	4.1	−1.7	6.10	16.1	25	75	61	75	70	23	27	4.7	4.9	4.9	4.8	143	72	2	8	7	6	—	—	0	8	7
April	5.8	9.0	6.8	7.1	0.2	22	12.5	15. 27	83	73	84	80	38	23	8.8	9.4	9.2	9.1	185	42	1	26	21	4	—	1	0	0	26
Mai	12.4	18.2	12.9	14.1	8.2	3	24.2	23	68	55	68	64	35	2.10	4.4	5.5	4.3	4.7	66	17	14	11	9	—	—	?	0	8	6
Juni	12.8	18.8	13.6	14.7	7.1	18	23.3	2	69	52	70	64	27	2	4.9	5.3	5.8	5.3	333	165	17	14	13	—	—	?	0	7	9
Juli	16.3	22.7	17.5	18.5	13.0	1	27.6	24	69	55	73	66	32	29	4.0	5.0	4.5	4.5	111	51	9	8	6	—	—	?	0	10	5
Aug.	15.3	22.5	16.4	17.7	11.3	31	27.2	23	68	55	73	66	33	27	3.4	3.8	3.5	3.6	98	62	2	5	5	—	—	?	0	8	2
Sept.	12.5	17.2	13.3	14.1	7.8	14	21.0	18	82	73	85	80	32	13	5.4	5.7	4.4	5.2	304	112	23	19	16	—	—	?	0	7	5
Okt.	7.0	10.4	7.2	8.0	0.7	28	16.2	7	82	73	84	80	37	27	6.5	6.2	4.8	5.8	77	14	16	14	13	—	—	?	0	6	12
Nov.	1.8	5.3	2.9	3.2	−4.7	28	11.0	3	83	75	82	80	40	19	5.6	5.8	3.7	5.0	62	22	6	7	6	2	—	—	0	9	8
Dez.	1.8	4.4	2.1	2.6	−2.0	26. 27	14.2	14	78	73	82	78	35	1	4.6	5.2	4.8	4.9	131	35	22	13	13	4	—	—	1	12	10
Jahr	7.3	12.0	8.2	8.9	−9.6	I	27.6	VII	74	64	74	71	23	II. III	4.9	5.3	4.6	4.9	1590	165	VI	136	119	21	—	?	3	111	100

Comprovasco (Acquarossa).

$\lambda = 8°56'$, $\beta = 46°28'$, $H_b = 544.1^m$, $h_r = 1.6^m$. Beobachter: Frl. **E. Gianella.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−1.5	4.1	−0.2	0.6	−10.1	4. 5	10.1	28	—	—	—	—	—	—	4.3	4.1	2.7	3.7	28	9	22	11	8	4	—	—	0	17	9
Febr.	0.1	8.3	2.5	3.4	−7.3	17	19.5	24	—	—	—	—	—	—	1.1	2.2	1.2	1.5	10	10	28	1	1	1	—	—	0	21	2
März	1.3	10.4	4.4	5.1	−2.3	27	18.7	25	—	—	—	—	—	—	4.5	5.5	3.2	4.4	145	71	2	8	7	6	—	—	0	11	4
April	6.7	11.9	7.4	8.4	1.1	1	16.7	15	—	—	—	—	—	—	8.9	9.3	8.3	8.8	152	51	1	22	21	1	—	—	0	0	24
Mai	10.9	20.2	13.1	14.3	6.5	14	26.5	23	—	—	—	—	—	—	4.3	5.8	3.8	4.6	58	14	14	10	10	—	—	1	0	9	7
Juni	11.9	20.7	14.7	15.5	3.7	6	26.1	9	—	—	—	—	—	—	5.2	5.8	5.1	5.4	166	84	16	14	11	—	—	2	0	5	8
Juli	14.6	24.7	17.7	18.7	9.5	29	30.1	19	—	—	—	—	—	—	3.9	4.9	4.3	4.4	216	70	9	8	7	—	—	2	1	10	6
Aug.	14.2	23.7	16.7	17.8	7.3	31	29.3	20. 23	—	—	—	—	—	—	4.4	4.4	2.5	3.8	140	82	2	6	5	—	—	—	0	10	4
Sept.	12.0	19.2	13.8	14.7	6.3	14	24.3	5	—	—	—	—	—	—	6.3	6.3	3.8	5.5	291	85	23	18	17	—	—	1	0	7	9
Okt.	6.7	12.4	7.1	8.3	−0.9	31	17.9	5	—	—	—	—	—	—	6.4	6.3	4.2	5.6	112	34	16	15	14	—	—	—	0	6	11
Nov.	1.7	7.2	3.3	3.9	−5.3	24	14.7	9	—	—	—	—	—	—	5.0	5.6	3.2	4.6	68	23	6	7	7	2	—	—	0	13	8
Dez.	0.9	6.0	1.4	2.4	−7.1	26	15.7	14	—	—	—	—	—	—	3.4	5.1	3.7	4.1	78	23	22	10	9	4	—	—	2	12	7
Jahr	6.6	14.1	8.5	9.4	−10.1	I	30.1	VII	—	—	—	—	—	—	4.8	5.4	3.8	4.7	1464	85	IX	130	117	18	—	6	3	121	99

Braggio.

$\lambda = 9°7'$, $\beta = 46°18'$, $H_b =$ ca. 1332^m, $h_r = 1.5^m$. Beobachter: **C. Berera.**

1918	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	Maximum	Tag	7³⁰	13³⁰	21³⁰	Mittel	Minimum	Tag	7³⁰	13³⁰	21³⁰	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	−2.1	3.1	−1.4	−0.4	−13.2	9	9.0	28. 29	69	65	70	68	35	14	4.1	3.7	3.2	3.7	27	7	23	8	7	8	—	—	5	17	8
Febr.	−0.7	5.6	0.4	1.4	−11.7	16	15.4	24	56	46	58	53	26	20	1.8	2.6	1.5	2.0	11	11	28	1	1	1	—	—	0	19	2
März	−0.9	5.0	0.4	1.3	−7.1	27	12.1	25	79	63	79	74	36	27	4.8	5.2	4.4	4.8	116	60	2	9	9	9	—	—	5	9	9
April	2.6	6.0	3.0	3.6	−3.5	21	8.9	6. 16. 29	94	85	92	90	42	23	8.3	9.8	8.9	9.0	185	37	1	23	22	9	—	—	4	0	24
Mai	8.2	13.6	9.0	9.9	4.7	14	20.7	23	76	62	74	71	37	10	4.4	6.5	4.4	5.1	94	22	14	12	12	—	1	3	4	10	10
Juni	8.8	14.5	10.1	10.9	2.3	6	19.2	3	74	59	70	68	27	23	4.9	5.3	5.0	5.1	160	53	16	11	10	1	1	2	6	7	7
Juli	12.6	19.2	14.3	15.1	8.5	27	24.5	17	76	59	74	70	40	21	3.9	5.6	3.7	4.4	142	79	10	8	8	—	1	4	0	9	6
Aug.	12.3	18.6	13.5	14.5	6.1	30	23.7	23	73	60	73	69	32	19	4.0	3.7	2.8	3.5	123	56	2	6	6	—	—	4	2	12	4
Sept.	11.0	16.0	11.8	12.7	6.5	14	21.3	26	84	73	85	81	36	13	5.6	6.3	4.2	5.4	252	54	24	16	14	—	—	3	0	8	9
Okt.	4.6	8.9	4.6	5.7	−0.7	30	17.3	7	78	70	83	77	32	31	6.1	6.2	5.8	6.0	135	27	15	14	14	4	—	1	6	8	14
Nov.	0.2	4.2	1.1	1.7	−7.1	23	11.5	3	80	74	80	78	36	29	5.5	5.3	4.6	5.1	66	17	6	8	7	3	—	—	6	10	8
Dez.	1.1	5.5	1.5	2.4	−7.1	26	15.9	5	68	61	68	66	34	27	3.3	4.0	3.9	3.7	46	14	22	9	9	7	—	—	1	13	4
Jahr	4.8	10.0	5.7	6.6	−13.2	I	24.5	VII	76	65	75	72	26	II	4.7	5.3	4.4	4.8	1357	79	VII	125	119	42	3	17	39	122	105

$\lambda = 8°59', \beta = 46°1', H = 910^m, h_r = 1.5^m$.

Monte Brè (ob Lugano).

Beobachter: **G. Buzzi.**

1918	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	13^{30}	21^{30}	Mittel	Minimum	Tag	7^{30}	13^{30}	21^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	⊼	≡	helle	trübe
Jan.	1.1	3.0	1.0	1.5	−9.5	9	10.1	28	—	—	—	—	—	—	4.0	4.0	4.0	4.0	50	21	22	9	8	4	—	—	0	16	9
Febr.	3.3	5.8	3.3	3.9	−8.2	16	15.7	23	—	—	—	—	—	—	1.3	1.8	1.6	1.6	8	8	28	1	1	1	—	—	1	20	1
März	2.5	5.7	2.8	3.5	−2.7	15.27	13.1	24	—	—	—	—	—	—	4.2	4.7	4.7	4.5	139	62	1	8	8	6	—	1	1	11	8
April	4.7	7.0	5.2	5.5	0.3	21	10.2	15.16	—	—	—	—	—	—	8.6	8.9	7.8	8.4	309	49	9	25	25	1	—	—	0	0	20
Mai	11.5	15.4	12.2	12.8	6.4	8	21.4	23	—	—	—	—	—	—	4.4	4.6	4.2	4.4	165	33	7	14	14	—	—	1	0	11	7
Juni	12.8	15.8	13.3	13.8	4.1	5	19.9	9	—	—	—	—	—	—	4.1	3.8	4.2	4.0	175	64	15	12	11	—	—	—	0	12	8
Juli	17.1	20.4	18.0	18.3	10.3	1	25.3	19	—	—	—	—	—	—	3.1	3.2	3.6	3.3	159	77	10	9	9	—	—	3	0	18	4
Aug.	16.3	19.7	17.8	17.9	10.7	4	24.3	23	—	—	—	—	—	—	3.4	2.3	1.6	2.4	110	49	3	6	6	—	—	3	0	17	2
Sept.	14.2	17.6	15.5	15.7	11.4	25	20.3	19	—	—	—	—	—	—	5.2	4.8	3.3	4.4	247	59	24	16	14	—	—	—	0	6	5
Okt.	7.3	9.7	8.1	8.3	2.1	31	14.3	7. 8	—	—	—	—	—	—	6.0	5.2	6.1	5.8	200	36	14	13	13	—	—	1	0	8	12
Nov.	3.1	5.4	3.7	4.0	−3.2	23	12.0	10	—	—	—	—	—	—	5.3	4.5	5.2	5.0	82	31	6	5	5	—	—	—	1	7	9
Dez.	3.3	5.0	3.5	3.8	−2.0	22	14.8	13	—	—	—	—	—	—	2.5	3.5	3.3	3.1	28	14	31	6	5	4	—	—	0	15	2
Jahr	8.1	10.9	8.7	9.1	−9.5	I	25.3	VII	—	—	—	—	—	—	4.3	4.3	4.1	4.2	1672	77	VII	124	119	16	—	9	3	141	87

$\lambda = 9°54', \beta = 46°30', H = 1805^m, h_r = 2.2^m$.

Pontresina.

Beobachter: **L. Schmid.**

Jan.	−9.7	−2.0	−8.0	−6.9	−24.1	4	3.3	26	—	—	—	—	—	—	3.3	3.5	3.1	3.3	16	7	10	5	4	5	—	—	0	17	5
Febr.	−10.9	0.5	−6.9	−6.0	−23.8	16	5.8	24	—	—	—	—	—	—	1.9	3.1	2.3	2.4	10	10	22	2	1	2	—	—	0	18	1
März	−8.3	2.0	−4.2	−3.7	−16.3	27	9.8	23	—	—	—	—	—	—	4.5	4.6	3.9	4.3	69	21	2	8	4	8	—	—	0	12	8
April	−0.7	4.7	0.3	1.1	−11.2	22	7.3	30	—	—	—	—	—	—	7.7	8.0	7.4	7.7	36	8	21	15	10	14	—	—	0	0	16
Mai	3.6	11.7	5.6	6.6	−1.1	3	17.5	24	—	—	—	—	—	—	4.8	5.1	6.4	5.4	12	3	16	10	5	—	—	—	0	7	10
Juni	5.2	10.9	6.9	7.4	−4.2	6	16.2	14	—	—	—	—	—	—	5.4	6.0	6.6	6.0	87	20	17	13	10	4	—	—	0	6	10
Juli	7.6	15.9	11.1	11.4	1.8	30	23.4	17	—	—	—	—	—	—	4.2	5.5	4.8	4.8	36	12	10	8	6	—	1	2	1	8	8
Aug.	5.7	15.6	10.1	10.4	−2.6	31	24.0	21	—	—	—	—	—	—	5.0	4.8	4.8	4.9	55	23	3	8	6	—	—	—	0	9	9
Sept.	5.4	13.8	7.9	8.7	−1.8	14	20.0	19	—	—	—	—	—	—	6.1	5.6	4.6	5.4	173	49	23	13	13	1	—	1	0	8	8
Okt.	−0.5	5.9	0.5	1.6	−7.8	28	11.3	6	—	—	—	—	—	—	6.5	6.0	5.6	6.0	88	16	16	9	9	5	—	—	2	6	14
Nov.	−6.3	1.2	−3.9	−3.2	−14.4	18	8.0	5	—	—	—	—	—	—	4.3	3.8	4.1	4.1	8	3	28	4	3	3	—	—	0	12	7
Dez.	−6.2	−0.2	−5.3	−4.3	−20.8	26.27	6.3	29	—	—	—	—	—	—	7.0	5.2	5.6	5.9	112	28	13	15	15	14	—	—	0	4	12
Jahr	−1.3	6.7	1.2	1.9	−24.1	I	24.0	VIII	—	—	—	—	—	—	5.1	5.3	4.9	5.0	702	49	IX	110	86	56	1	3	3	107	108

$\lambda = 9°31', \beta = 46°20', H_b = 699.7^m, h_r = 1.8^m$.

Castasegna.

Beobachter: **A. Garbald.**

Jan.	0.0	2.3	0.4	0.8	−8.2	4	8.6	2	62	55	62	60	20	2	4.6	4.4	4.5	4.5	—	—	—	—	—	—	—	—	—	14	11
Febr.	2.6	8.0	3.5	4.4	−6.4	16	19.0	24	44	36	42	41	14	20	2.7	2.6	1.7	2.3	—	—	—	—	—	—	—	—	—	20	1
März	3.4	8.6	3.4	4.7	−1.8	5	15.6	24	58	44	60	54	17	27	3.7	4.6	4.8	4.4	—	—	—	—	—	—	—	—	—	10	6
April	7.4	9.7	7.2	7.9	1.8	21	13.8	6	73	63	79	72	24	23	8.1	9.5	9.1	8.9	—	—	—	—	—	—	—	—	—	0	24
Mai	14.4	18.3	14.1	15.2	7.2	1	23.8	26	51	41	53	48	19	3	4.5	6.0	4.6	5.0	—	—	—	—	—	—	—	—	—	6	6
Juni	15.3	18.6	15.0	16.0	6.0	5	23.8	3	52	44	56	51	17	23	5.0	6.0	4.9	5.3	—	—	—	—	—	—	—	—	—	8	8
Juli	17.7	22.4	17.7	18.9	13.2	11	28.6	19	57	44	61	54	24	29	3.6	5.2	4.5	4.4	—	—	—	—	—	—	—	—	—	9	4
Aug.	16.6	21.9	17.0	18.2	12.0	30	27.4	20	57	44	61	54	21	19. 27	4.7	4.7	3.4	4.3	—	—	—	—	—	—	—	—	—	9	4
Sept.	14.0	18.6	14.2	15.3	10.2	30	22.4	5	71	59	74	68	23	13	5.8	5.4	4.5	5.2	—	—	—	—	—	—	—	—	—	8	8
Okt.	8.0	12.1	7.9	9.0	1.8	30	17.7	7	70	55	78	68	24	27	5.6	6.4	5.5	5.8	—	—	—	—	—	—	—	—	—	7	13
Nov.	3.2	6.5	4.0	4.4	−2.6	25	13.0	5	71	57	69	66	23	19	5.2	5.8	4.7	5.2	—	—	—	—	—	—	—	—	—	11	10
Dez.	2.5	4.6	2.8	3.2	−1.2	26	15.0	14	56	54	62	57	18	27	5.4	6.0	4.5	5.3	—	—	—	—	—	—	—	—	—	7	6
Jahr	8.8	12.6	8.9	9.8	−8.2	I	28.6	VII	60	50	63	58	14	II	4.9	5.6	4.7	5.1	—	—	—	—	—	—	—	—	—	109	101

$\lambda = 9°0', \beta = 46°56', H = 1189^m, h_r = —^m$.

Braunwald (ob Linthal).

Beobachter: **A. Weber.**

Jan.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Febr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
März	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juni	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Juli	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aug.	12.3	17.0	11.8	13.2	2.8	30	24.8	23	83	74	92	83	40	26	5.0	6.0	7.0	6.0	—	—	—	—	—	—	1	1	5	7	12
Sept.	10.8	14.8	9.9	11.4	4.0	30	21.7	18	83	77	89	83	40	22	5.8	6.7	6.7	6.4	—	—	—	—	—	—	—	1	11	6	13
Okt.	3.9	8.3	4.2	5.2	−1.8	28	16.6	23	84	71	87	81	36	23	6.6	6.3	6.6	6.5	—	—	—	—	—	—	—	—	16	5	15
Nov.	1.2	5.6	1.6	2.5	−5.8	16	17.4	6	72	65	86	71	29	6	5.2	5.5	4.8	5.2	90	37	27	7	6	5	—	—	5	7	8
Dez.	0.3	3.8	1.0	1.6	−9.4	27	10.4	6	82	74	83	80	34	5	6.0	5.8	6.0	5.9	556	103	22	20	19	16	—	—	0	7	12
Jahr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fünftägige Temperaturmittel von 15 Normalstationen.

1918	Basel	Neuchâtel	Genf	Bern	Zürich	Altstätten	Altdorf	Lugano	Sitten	Chaumont	Bevers	Rigi-Kulm	Pilatus-Kulm	St. Gotthard	Säntis
1.–5. Januar	−7.5	−6.3	−5.0	−8.7	−7.3	−10.0	−5.4	−1.2	−3.9	−5.7	−14.8	−7.5	−8.8	−10.2	−12.6
6.–10. »	−1.7	−1.3	−0.9	−3.7	−2.1	−1.7	−1.5	−0.3	−2.5	−4.8	−9.1	−7.2	−9.0	−11.2	−12.3
11.–15. »	1.4	0.4	0.0	−1.9	0.8	−0.1	−0.8	1.5	−2.9	−2.0	−9.9	−4.4	−5.8	−9.8	−9.2
16.–20. »	8.1	6.4	8.2	4.5	6.3	8.7	8.4	3.6	4.8	5.6	−1.5	2.5	0.8	−3.5	−2.9
21.–25. »	6.6	3.5	5.0	4.4	5.8	8.8	8.8	3.6	6.8	5.3	−3.3	2.5	0.7	−3.4	−2.4
26.–30. »	0.4	−1.4	−1.6	−1.4	−1.9	−4.1	−1.3	3.3	1.0	4.2	−7.1	1.2	0.3	−1.4	−1.1
31.–4. Februar	−0.6	−2.7	−1.9	−3.5	−3.5	−4.6	−2.4	2.7	0.3	2.8	−10.2	−0.3	−2.3	−3.3	−4.2
5.–9. »	4.1	2.8	3.2	2.4	2.8	1.8	1.9	3.6	3.4	4.1	−6.7	0.5	−1.4	−2.2	−4.4
10.–14. »	5.5	3.6	3.9	3.6	5.0	3.8	3.3	3.8	4.6	3.3	−5.5	−0.5	−2.0	−2.7	−5.3
15.–19. »	−2.6	−3.4	−1.9	−4.7	−4.5	−4.4	−2.2	1.3	−1.1	−6.7	−11.9	−9.0	−10.0	−11.4	−13.0
20.–24. »	4.2	2.8	3.2	2.0	2.8	2.0	1.8	8.1	4.2	0.2	−4.2	−3.3	−4.4	−5.4	−8.2
25.–1. März	3.7	2.6	3.1	1.7	2.8	3.1	3.0	7.1	2.5	−1.3	−4.5	−4.3	−6.3	−6.2	−7.9
2.–6. »	1.8	0.6	1.2	0.0	2.2	3.5	2.9	4.0	1.7	−2.2	−4.8	−3.9	−6.2	−6.0	−7.9
7.–11. »	4.9	2.9	2.8	2.2	4.2	4.5	3.8	6.3	3.5	1.7	−5.1	−1.8	−4.1	−5.1	−6.9
12.–16. »	4.9	3.4	4.1	2.6	3.6	5.2	6.0	5.8	5.0	1.9	−6.0	−2.0	−4.3	−5.7	−7.1
17.–21. »	7.8	7.0	7.0	6.3	7.5	7.4	7.7	9.5	8.0	4.5	−2.9	−0.7	−2.8	−3.0	−5.2
22.–26. »	8.1	8.0	7.9	6.5	7.4	7.1	6.4	11.1	8.6	3.6	−0.5	−0.7	−2.5	−2.5	−5.6
27.–31. »	6.4	5.0	6.4	4.9	5.5	5.0	5.9	5.4	6.4	1.2	−4.2	−2.9	−5.2	−5.3	−8.6
1.–5. April	9.7	7.1	7.9	7.4	8.8	9.6	11.2	8.2	10.1	4.1	1.5	0.7	−0.8	−2.1	−3.6
6.–10. »	9.0	8.0	8.2	8.2	8.5	10.2	10.4	9.2	9.3	3.5	2.1	1.7	−0.1	−1.2	−2.8
11.–15. »	12.4	11.9	11.5	11.4	12.9	13.0	14.0	10.0	13.6	8.9	2.9	4.0	2.3	0.6	−0.5
16.–20. »	6.8	6.7	7.2	5.4	6.0	7.3	7.2	10.6	9.8	1.4	2.3	−0.7	−1.0	−1.5	−3.5
21.–25. »	5.9	4.8	5.5	4.4	5.2	6.6	7.0	8.2	6.4	0.7	−0.5	−2.2	−4.6	−4.0	−5.4
26.–30. »	11.0	10.2	10.5	9.8	10.9	11.3	11.1	11.2	12.3	6.6	3.6	2.4	0.3	0.9	−1.9
1.–5. Mai	13.6	13.0	12.4	12.8	13.1	13.6	13.1	15.0	14.8	10.3	5.2	5.0	2.3	2.8	1.1
6.–10. »	14.7	14.1	13.2	13.1	14.5	15.4	14.9	13.3	15.2	9.5	6.1	5.0	2.6	2.1	0.8
11.–15. »	13.2	12.9	13.6	12.0	12.6	12.1	12.4	14.2	14.7	8.1	6.4	3.5	1.2	2.1	−0.3
16.–20. »	18.6	17.8	16.4	17.3	17.1	16.8	15.9	19.0	19.4	14.5	9.2	9.7	6.5	6.6	4.4
21.–25. »	18.8	18.0	17.9	17.2	17.7	17.8	17.1	21.0	19.0	13.3	10.9	8.4	6.4	7.3	4.4
26.–30. »	14.6	14.5	14.8	13.4	13.4	13.9	13.0	15.8	15.6	9.2	5.8	4.0	1.5	1.0	−2.4
31.–4. Juni	15.7	16.7	16.2	15.2	15.3	14.5	14.9	19.0	18.2	11.4	8.2	5.9	4.5	3.5	0.5
5.–9. »	15.7	16.4	15.1	14.8	15.0	14.4	14.2	16.0	16.9	11.4	5.5	5.2	3.8	4.0	−0.6
10.–14. »	15.8	15.5	15.6	14.3	15.1	15.7	15.0	17.1	16.3	11.1	9.6	6.6	5.2	5.3	2.5
15.–19. »	13.5	12.0	13.0	11.8	12.1	13.1	12.8	17.4	13.7	7.8	8.9	4.8	3.9	3.4	1.6
20.–24. »	13.8	12.9	14.1	13.0	12.3	12.0	12.9	19.3	14.5	8.1	7.0	3.0	1.7	1.5	−1.9
25.–29. »	14.7	14.8	16.7	14.5	13.3	12.6	13.3	18.1	16.5	10.2	7.6	5.6	3.7	4.0	−0.1
30.–4. Juli	15.7	16.2	16.3	15.1	14.6	14.1	14.9	20.1	17.2	11.1	8.2	6.0	4.5	4.1	0.9
5.–9. »	18.5	17.8	18.4	17.2	17.0	17.1	17.0	21.5	19.3	13.9	10.8	9.4	7.6	6.8	4.3
10.–14. »	17.8	17.6	18.7	17.1	17.2	17.9	17.9	20.3	18.7	13.3	11.2	9.3	7.1	8.6	5.9
15.–19. »	24.1	22.7	22.4	22.4	22.9	22.3	22.3	24.6	23.9	19.7	15.4	15.3	14.1	13.1	10.8
20.–24. »	20.3	20.0	20.0	19.2	20.1	19.8	20.1	23.7	20.3	15.1	14.3	11.6	9.2	10.5	6.9
25.–29. »	16.3	16.2	16.2	15.1	14.8	14.6	15.3	20.9	17.7	11.2	9.6	5.9	4.7	4.2	1.1
30.–3. August	17.8	18.4	17.8	16.9	16.7	16.5	16.9	20.7	18.5	14.1	10.3	9.3	7.9	8.0	4.7
4.–8. »	16.0	15.7	17.2	14.5	15.5	14.9	15.5	19.0	17.0	11.1	8.4	6.4	4.5	5.4	1.5
9.–13. »	16.4	16.8	16.6	15.1	15.9	14.9	15.2	20.6	17.4	12.3	9.1	7.4	5.8	5.9	2.4
14.–18. »	20.5	21.0	21.2	19.6	19.8	18.5	18.5	22.3	20.9	16.6	13.1	11.5	10.2	10.6	6.2
19.–23. »	21.6	21.7	21.2	21.0	20.6	19.9	19.8	24.0	22.1	18.5	13.8	13.7	11.9	11.1	9.4
24.–28. »	18.6	18.3	19.2	17.7	18.3	17.7	17.8	21.3	18.5	13.8	11.2	9.7	7.9	8.5	4.4
29.–2. September	15.0	15.3	15.5	14.1	14.2	13.0	12.9	17.2	14.8	10.7	6.9	5.1	4.3	3.7	0.5
3.–7. »	16.9	16.6	17.8	16.1	16.6	16.1	16.4	18.9	17.2	13.3	9.1	9.6	7.9	7.5	4.9
8.–12. »	16.1	14.9	17.0	13.9	14.9	14.3	14.8	18.1	15.8	10.0	8.7	6.9	5.1	6.5	1.5
13.–17. »	15.9	14.6	14.9	13.9	14.6	14.0	13.6	18.0	15.0	12.4	7.5	9.8	7.9	6.8	4.6
18.–22. »	14.6	13.6	15.4	13.4	13.9	14.2	15.1	19.3	15.7	10.8	10.4	9.3	7.9	7.2	5.9
23.–27. »	12.5	12.4	12.6	11.6	11.9	12.1	11.3	18.1	12.8	9.0	8.9	7.4	6.4	5.9	4.9
28.–2. Oktober	10.1	10.5	11.4	9.5	10.1	10.6	10.8	15.8	10.8	5.9	4.8	1.6	0.9	0.9	−2.5
3.–7. »	10.3	10.2	9.8	8.8	9.4	8.8	9.1	11.8	10.0	7.0	2.7	3.0	2.4	1.3	−1.7
8.–12. »	8.4	8.2	8.8	7.0	7.8	7.8	7.1	13.4	8.0	4.5	3.0	2.6	1.7	0.2	−1.5
13.–17. »	8.8	8.2	8.2	7.2	7.9	8.9	8.9	10.3	8.4	3.7	2.9	1.1	0.0	−0.9	−1.9
18.–22. »	7.8	7.5	7.5	6.0	7.4	8.0	8.1	9.9	8.1	4.5	1.6	2.0	0.3	−0.8	−1.7
23.–27. »	8.9	9.2	9.4	8.3	8.7	9.4	10.6	11.5	10.9	6.7	3.2	2.9	1.6	0.1	−1.5
28.–1. November	4.7	4.6	5.1	3.3	3.7	2.7	4.3	7.7	4.7	3.6	−2.0	1.5	0.7	−1.1	−2.3
2.–6. »	9.8	7.3	7.7	7.1	7.4	7.7	11.5	10.0	11.5	9.2	3.5	6.9	5.8	1.2	2.1
7.–11. »	9.5	9.3	9.6	8.5	8.9	9.5	10.6	10.8	10.0	6.9	1.9	4.2	3.6	1.6	0.3
12.–16. »	1.9	2.7	4.1	1.1	1.9	1.3	3.5	6.4	4.2	−1.8	−4.7	−3.7	−3.3	−5.6	−7.6
17.–21. »	−0.1	0.4	2.1	−0.6	−0.4	−0.9	0.9	2.8	0.4	−2.8	−7.8	−4.9	−4.9	−7.3	−8.7
22.–26. »	1.3	0.8	2.0	−1.0	0.0	−1.9	0.5	1.3	−0.4	−1.2	−8.8	−2.9	−4.1	−7.4	−6.6
27.–1. Dezember	4.0	3.9	5.0	2.8	3.4	2.7	3.5	3.7	2.7	−0.4	−5.9	−4.2	−5.5	−6.5	−8.8
2.–6. »	3.4	1.1	1.2	0.8	0.8	1.8	1.9	2.8	2.3	5.4	−6.5	2.7	0.3	−0.6	−1.0
7.–11. »	5.5	3.8	4.0	2.9	4.0	2.9	3.2	3.5	2.5	3.8	−4.3	0.0	−1.4	−1.9	−3.7
12.–16. »	9.1	7.3	7.2	6.5	8.0	6.5	5.7	3.8	5.4	4.5	−1.3	1.8	0.6	−0.6	−3.2
17.–21. »	4.6	3.2	4.3	2.7	3.4	3.4	3.7	3.5	2.0	−1.1	−6.4	−6.0	−8.5	−8.1	−10.5
22.–26. »	4.0	3.4	4.8	2.4	2.8	1.3	1.4	3.7	0.3	−0.1	−7.3	−5.2	−7.2	−7.8	−9.9
27.–31. »	6.6	4.9	5.0	3.8	5.2	3.7	2.9	1.9	0.5	1.2	−4.5	−1.6	−3.5	−3.6	−5.4

Anmerkung: Den Pentadenmitteln von Genf liegen die aus den acht 3stündigen Zeitintervallen gebildeten Tagesmittel zugrunde, denjenigen der übrigen Stationen dagegen die aus den bezüglichen Terminablesungen (ohne Reduktion) gebildeten rohen Mittel.

Temperatur-Minima 1918.

Tag	Januar Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Februar Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	März Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	-9.1	-7.3	-6.0	-8.4	-6.2	-20.4	-2.8	-5.2	-3.8	-3.0	-3.0	-3.3	-15.6	-1.6	-2.0	-2.1	-1.0	-0.5	0.3	-4.5	3.0
2	-7.6	-6.0	-4.3	-10.0	-6.1	-19.0	-3.8	-6.0	-3.8	-3.2	-3.3	-4.2	-16.9	-1.2	-3.1	-2.1	-1.1	-0.5	0.2	-4.2	1.0
3	-7.9	-7.0	-4.0	-9.0	-5.3	-15.9	-2.5	-6.0	-4.5	-4.0	-4.1	-3.2	-18.5	-2.0	-2.1	-2.0	-0.5	0.2	0.5	-5.3	0.8
4	-15.5	-10.9	-11.0	-14.4	-11.9	-27.6	-5.0	-6.0	-4.2	-4.2	-3.0	-5.7	-18.2	-1.8	-0.3	-0.8	-1.0	0.5	0.3	-8.8	0.8
5	-16.8	-14.1	-14.0	-13.5	-11.8	-24.5	-7.8	-6.1	-5.0	-3.2	-3.3	-5.0	-18.0	-2.0	-5.2	-2.6	-2.7	-0.7	0.1	-17.9	0.8
6	-15.8	-10.7	-13.3	-12.0	-10.6	-21.0	-7.5	-3.3	-3.7	-1.8	-2.0	-4.0	-19.5	-1.5	-5.3	-3.4	-4.2	-0.4	0.5	-13.4	0.0
7	-2.5	3.3	3.8	-4.0	-7.4	-12.6	0.0	1.4	0.0	2.0	2.5	-1.1	-14.0	-2.5	-6.3	-3.5	-3.8	0.0	-0.9	-14.0	1.0
8	-4.6	-4.5	-3.5	-4.3	-4.0	-7.2	0.0	0.4	1.4	-1.0	3.5	-0.8	-11.5	-1.4	0.3	0.0	-0.8	-0.6	1.6	-5.4	3.0
9	-8.8	-9.0	-7.2	-9.0	-8.5	-25.1	-2.4	0.0	-0.4	1.2	0.9	0.3	-9.8	3.0	-4.0	-3.0	-3.0	-0.2	-1.0	-14.8	0.0
10	-7.6	-7.5	-7.6	-6.2	-6.1	-25.4	-7.0	-0.1	-1.0	-1.0	0.5	0.6	-15.1	0.0	-2.9	-2.5	-2.2	-0.2	-0.6	-14.9	2.5
11	-4.1	-3.1	-7.5	0.7	-8.1	-22.0	-5.2	-1.4	-1.8	-2.3	0.9	-0.7	-12.0	-0.4	-2.2	-2.0	-2.0	-0.2	0.7	-16.1	0.8
12	-11.7	-7.9	-12.8	-5.3	-9.4	-22.7	-5.8	-1.6	-1.6	-2.8	1.5	-0.4	-14.3	-1.0	-2.3	-2.0	-2.2	0.2	-0.3	-16.7	2.5
13	-1.5	-0.4	1.2	-0.2	-5.2	-8.4	-0.8	-2.0	-3.2	-3.0	0.5	-1.4	-14.0	-1.5	-2.3	-2.0	-2.0	-0.2	-0.6	-18.1	1.0
14	-7.2	-6.3	-4.5	-4.0	-3.0	-18.2	-2.5	2.9	2.5	4.4	4.5	2.1	-7.7	2.0	-1.7	-0.6	-1.5	1.0	0.0	-12.5	1.0
15	-7.6	-5.6	-5.0	-2.5	-4.4	-20.0	-3.0	-4.4	-4.7	-1.8	-2.5	-2.5	-14.2	-0.8	-1.8	-2.1	1.0	-0.5	1.0	-8.7	0.0
16	2.9	4.2	5.0	5.0	3.0	-5.8	-1.6	-8.0	-7.9	-6.0	-5.6	-6.0	-21.5	-5.0	-6.0	-4.5	-1.8	-1.3	5.8	-16.5	0.0
17	1.2	3.8	2.0	2.1	1.4	-6.6	-1.8	-10.6	-9.3	-8.0	-7.0	-6.3	-23.3	-6.0	-1.4	-1.6	-0.8	0.4	0.7	-13.7	0.2
18	0.7	0.8	4.0	4.0	2.4	-9.5	2.0	-8.9	-7.8	-6.9	-6.5	-3.7	-18.0	-3.5	-0.1	-0.5	0.0	0.8	1.0	-14.5	0.2
19	0.6	2.2	4.3	5.0	4.2	-7.6	2.5	-8.9	-8.0	-6.8	-6.3	-3.2	-18.8	-4.5	0.7	0.3	0.8	2.7	3.1	-14.3	1.0
20	-1.0	-0.2	2.0	3.8	11.7	-5.5	3.0	-7.7	-8.0	-7.5	-6.5	-5.2	-22.0	-4.2	4.2	3.8	4.5	6.8	5.2	-4.0	1.4
21	1.9	1.7	3.0	4.5	10.7	-7.5	2.5	-4.7	-4.0	-5.1	-3.0	-3.2	-18.4	-3.5	2.2	3.5	3.0	5.5	5.4	-5.5	4.0
22	-0.7	0.0	2.0	3.5	10.6	-2.9	2.0	-0.6	0.4	-0.3	-0.5	0.8	-6.5	-2.0	-0.7	1.0	2.0	1.0	1.7	-12.3	4.5
23	2.2	2.2	4.3	5.4	7.3	-5.6	3.0	2.6	2.9	3.8	6.6	1.7	-5.8	5.5	0.0	3.2	3.2	3.1	2.3	-5.6	4.5
24	1.3	0.3	1.8	3.6	2.7	-10.7	0.6	-1.9	0.0	-0.5	1.9	-0.2	-8.2	9.4	0.9	4.8	2.5	3.5	3.7	-8.3	3.5
25	-2.2	-1.6	-0.5	0.8	0.2	-11.5	-0.2	1.8	1.4	0.9	3.0	2.1	-12.9	1.5	2.7	2.5	4.5	4.0	4.0	-8.1	3.5
26	-3.1	-1.6	-3.0	0.2	-1.4	-12.1	-0.5	-0.2	0.0	0.0	-0.5	1.1	-10.3	6.0	-0.7	-0.9	1.5	0.8	0.8	-9.0	3.4
27	-4.4	-2.8	-3.5	-1.0	-1.9	-11.8	-1.0	-3.2	-4.1	4.0	-2.5	-1.6	-15.8	0.0	-4.8	-3.8	-1.8	-4.5	-0.4	-17.2	-2.0
28	-5.1	-2.9	-3.5	-2.0	-2.8	-14.4	-0.5	0.4	1.3	0.3	3.2	-0.2	-14.8	1.0	-2.1	-2.6	-2.3	-0.2	-0.2	-17.5	1.5
29	-5.7	-3.2	-3.5	-2.5	-3.7	-13.6	-0.4								2.4	3.0	4.8	3.8	2.3	-13.2	-0.2
30	-5.3	-3.4	-3.0	-2.9	-3.2	-12.9	-0.4								3.8	3.4	4.3	4.5	3.3	-8.8	-2.0
31	-4.0	-4.3	-2.0	-2.0	-2.5	-14.0	-0.5								4.2	4.9	5.5	6.1	3.8	-8.3	2.5
Mittel	-4.8	-3.3	-2.8	-2.4	-2.2	-14.3	-1.5	-3.1	-2.7	-2.3	-1.1	-1.9	-14.8	-0.6	-1.2	-0.5	0.1	1.1	1.4	-11.4	1.4

Tag	April Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Mai Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Juni Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	3.8	4.6	5.8	7.5	6.3	-3.0	5.0	5.9	6.7	7.0	8.1	8.5	-1.1	8.0	6.8	9.9	8.0	10.0	9.0	-4.3	8.5
2	3.9	3.1	4.0	5.0	6.6	-3.8	4.5	5.7	4.5	5.4	8.8	5.8	-1.6	6.5	7.5	9.1	11.0	9.6	9.3	-1.0	8.5
3	-0.8	-1.0	0.5	2.4	3.5	-2.0	4.0	4.4	5.1	5.5	5.5	5.3	-4.4	6.8	8.0	7.9	8.3	8.3	9.6	-3.1	8.5
4	1.4	2.1	3.8	6.0	8.3	-2.6	7.0	7.4	6.8	9.3	9.2	8.8	-3.5	6.5	6.9	8.0	8.2	10.3	11.2	-1.1	12.5
5	5.8	5.5	5.0	8.3	8.1	-0.1	5.8	11.7	10.6	12.0	12.8	15.9	-0.1	10.0	5.9	7.9	8.8	6.5	8.1	-0.9	8.2
6	6.4	5.6	6.8	9.0	7.0	-2.3	5.0	10.8	10.0	10.8	12.5	11.9	3.0	10.0	2.8	6.5	6.0	5.8	4.8	-5.1	5.5
7	4.6	4.4	4.5	6.4	7.9	-4.0	7.0	9.2	9.9	11.0	11.7	15.6	3.6	10.0	4.7	7.1	6.5	6.8	7.0	-5.2	8.8
8	3.4	3.2	2.5	5.0	6.4	-4.6	7.0	8.3	8.1	8.8	10.5	10.9	1.8	9.6	6.4	7.7	7.8	8.4	9.1	-3.6	8.8
9	3.8	3.9	5.5	5.0	4.3	-2.1	6.0	6.8	7.5	7.5	10.4	9.9	-0.5	7.5	8.2	9.6	10.0	10.5	11.3	-1.5	9.0
10	3.3	4.0	3.8	7.4	8.4	-0.2	5.5	6.5	7.4	8.0	10.0	10.2	0.7	8.5	8.0	7.4	8.0	9.6	10.7	4.2	13.0
11	1.9	2.5	1.8	5.3	4.8	-1.7	5.6	6.9	8.0	11.8	8.6	8.8	-3.4	9.8	7.2	7.1	8.0	9.5	8.6	-0.3	10.4
12	5.7	6.5	7.8	8.2	6.8	-5.9	6.8	9.5	9.4	10.3	11.1	9.4	2.2	11.0	11.8	11.3	13.2	12.0	12.6	5.6	10.4
13	6.4	8.5	9.2	8.4	12.8	-1.9	7.5	8.7	8.5	9.7	10.5	7.8	-2.5	7.0	9.8	8.5	11.0	11.0	12.4	5.6	10.4
14	7.2	8.3	8.0	8.5	14.8	-0.1	7.5	8.8	7.8	8.8	9.6	8.7	1.0	7.0	8.8	9.0	10.0	11.4	11.2	0.0	13.8
15	8.3	7.1	7.5	8.0	8.5	-2.9	7.5	6.5	4.9	5.0	8.7	8.3	-0.8	6.0	12.3	11.0	14.2	13.6	14.2	3.9	15.0
16	5.3	4.4	6.6	6.2	7.5	0.0	8.0	6.9	9.0	8.2	9.5	8.3	-1.8	6.0	9.3	8.5	10.0	11.0	12.2	5.9	14.0
17	4.4	4.8	6.8	5.5	6.6	0.0	8.0	8.8	8.8	9.0	10.5	10.2	1.9	13.5	9.0	8.3	9.8	10.4	8.6	6.5	14.0
18	4.6	6.0	5.5	7.7	6.0	-2.3	8.0	10.5	9.5	10.5	12.2	11.6	-0.6	14.0	7.6	7.0	8.8	9.0	5.8	3.9	14.0
19	0.7	1.9	3.0	0.1	3.5	-0.8	8.0	9.6	9.7	11.0	11.6	10.8	0.4	11.0	4.8	5.0	6.3	7.6	5.7	0.7	8.0
20	0.1	0.6	0.8	1.5	2.4	-3.6	6.5	9.9	11.9	11.8	11.5	9.9	-0.5	11.0	10.2	9.4	11.0	12.0	11.0	3.4	8.5
21	0.8	0.9	0.0	1.6	2.1	-5.2	3.4	10.9	11.0	13.0	12.6	11.0	1.4	11.0	9.4	9.4	10.5	11.5	10.1	3.0	8.0
22	0.3	0.6	0.2	1.5	-0.4	-13.6	0.2	10.2	10.5	11.3	14.0	11.1	1.8	12.8	11.4	10.9	11.5	12.9	9.7	2.0	12.5
23	1.4	1.0	1.5	2.0	0.6	-9.8	2.5	10.8	11.6	13.0	13.0	10.7	0.6	12.5	9.3	9.0	10.3	9.6	8.5	-1.4	11.5
24	0.8	1.9	3.2	5.4	4.3	-4.3	6.0	14.2	13.8	13.5	14.6	11.7	1.0	12.5	5.6	6.0	4.9	6.4	7.3	-2.5	8.5
25	-0.1	0.0	2.0	1.0	3.0	-4.0	6.0	9.8	9.8	11.3	11.4	11.6	4.2	12.5	9.7	10.5	13.0	11.0	10.5	4.4	10.5
26	1.2	1.5	2.9	3.6	4.2	-3.0	6.8	7.2	8.5	9.0	11.2	11.6	1.9	12.5	7.9	8.1	11.0	10.0	8.4	3.9	13.8
27	3.9	4.0	4.8	5.2	5.4	-0.5	7.5	9.1	9.6	12.5	10.6	11.9	2.7	12.0	8.8	8.5	13.8	8.6	11.5	1.9	12.0
28	6.9	6.9	7.0	7.7	8.7	0.2	8.5	5.3	7.4	9.8	6.4	9.1	-0.6	9.4	6.3	6.6	8.8	8.0	8.0	-2.8	10.0
29	7.2	5.0	8.0	9.0	8.1	0.0	8.5	6.1	8.4	9.5	6.6	9.7	-0.7	9.5	10.4	10.0	10.6	11.5	11.3	1.2	12.8
30	7.7	7.0	8.0	9.4	8.2	0.7	8.5	5.9	6.6	8.0	7.8	6.2	1.7	10.5	8.9	8.6	9.2	11.3	12.7	3.2	10.2
31								6.3	9.5	8.0	7.9	7.5	-2.5	9.0							
Mittel	3.7	3.8	4.6	5.6	6.2	-2.8	6.3	8.3	8.7	9.7	10.3	10.0	0.2	9.8	8.1	8.5	9.6	9.8	9.7	0.9	10.7

Anmerkung: Die absoluten Minima und Maxima von Zürich und Säntis finden sich in den Aufzeichnungen der autographischen Apparate auf pag. 8 und 36.

Temperatur-Minima 1918.

Tag	Juli							August							September						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	7.8	9.6	11.0	8.3	10.3	0.0	14.0	8.9	9.9	10.2	10.6	11.3	0.2	14.5	7.6	9.0	8.4	10.4	9.0	-1.0	9.2
2	7.9	8.4	10.0	9.7	10.0	0.1	11.0	10.9	13.1	14.8	13.5	13.7	4.5	15.5	12.8	13.1	12.5	12.5	11.8	5.2	9.0
3	10.4	11.1	10.5	13.2	12.4	4.0	11.0	13.3	13.0	14.5	15.0	13.8	7.2	14.0	10.3	9.8	10.0	9.5	11.6	2.7	12.2
4	10.8	11.1	13.0	11.0	11.8	2.3	13.5	12.4	13.0	14.0	14.1	14.1	4.5	13.0	7.3	7.5	7.8	9.0	9.8	-1.0	12.6
5	11.8	11.6	13.5	13.0	13.0	2.1	13.5	11.8	12.2	13.8	13.6	13.2	3.2	10.5	11.1	12.4	13.5	13.4	13.5	0.3	13.8
6	7.9	9.2	9.8	10.6	10.7	0.9	11.5	9.8	13.0	15.5	13.5	13.3	2.8	13.0	14.2	13.4	14.5	15.0	13.4	6.7	15.5
7	9.9	8.9	9.8	11.0	11.3	4.6	12.0	9.2	9.2	11.6	11.2	11.2	3.6	14.2	10.0	10.9	11.0	12.6	10.9	-0.6	11.6
8	10.3	10.6	11.6	12.0	12.0	0.8	12.0	6.9	7.6	7.3	9.8	9.8	-0.5	12.5	14.0	11.5	15.0	15.1	13.7	3.9	12.0
9	13.9	14.5	15.7	15.7	11.3	0.7	12.0	10.4	11.5	10.8	12.7	11.7	-0.1	11.5	10.0	9.5	11.5	11.5	12.0	2.5	12.0
10	13.9	13.0	13.4	15.1	15.3	4.0	15.0	10.1	11.0	9.5	12.3	10.1	4.2	13.0	10.2	12.5	13.3	13.0	11.2	4.0	11.6
11	12.2	10.4	13.2	12.4	14.5	5.3	15.0	6.4	8.9	8.8	8.2	7.7	-0.6	10.6	11.4	11.5	14.5	12.4	12.8	7.3	11.6
12	12.7	11.5	13.0	12.0	15.2	5.0	14.0	8.8	10.0	9.0	11.0	10.6	-0.8	10.6	10.5	11.0	12.0	12.0	11.4	6.9	16.2
13	13.3	15.2	15.5	16.0	13.7	1.2	13.0	9.3	11.3	11.8	13.1	13.6	2.6	10.5	8.4	9.0	9.0	11.0	10.2	1.4	12.0
14	11.8	11.0	13.1	13.2	14.2	4.9	13.5	10.0	11.9	12.6	12.4	10.9	2.8	16.8	4.3	4.7	4.2	6.9	7.3	-3.1	9.0
15	14.7	14.6	14.0	17.0	16.1	3.2	13.5	10.2	9.5	10.5	11.2	11.2	3.5	13.5	6.7	6.3	6.7	7.5	7.4	-1.0	9.5
16	15.0	14.6	15.7	17.5	15.3	4.6	15.5	11.4	11.7	12.5	12.9	13.1	2.9	14.2	8.2	8.5	8.7	10.6	8.6	-0.4	11.0
17	14.9	14.9	16.2	17.0	16.4	5.4	17.5	14.7	17.1	17.8	16.5	14.8	5.0	15.0	10.5	11.7	13.3	14.7	12.1	0.1	11.0
18	19.6	18.5	21.2	20.5	19.8	7.0	18.8	13.7	17.0	14.5	14.5	16.3	7.7	15.0	13.9	14.0	15.5	17.3	12.8	3.0	11.0
19	14.1	14.7	15.2	15.0	16.8	7.6	16.8	14.9	16.0	13.0	16.0	15.4	4.3	14.4	13.1	13.3	15.0	17.2	16.1	4.2	14.5
20	12.3	13.1	13.2	14.2	15.3	6.0	16.8	11.4	11.6	11.2	11.0	13.5	0.5	14.4	7.9	7.8	9.5	8.4	9.4	4.9	16.5
21	15.3	15.5	15.5	18.0	17.4	9.6	18.5	11.9	13.0	12.8	13.5	13.1	3.1	14.5	7.6	6.9	9.8	5.9	8.6	2.3	13.0
22	11.4	10.5	10.3	13.5	16.5	3.5	16.0	14.4	14.5	15.3	16.2	14.5	7.0	15.6	4.3	5.2	6.1	8.2	6.5	-2.6	13.0
23	14.1	13.5	15.0	14.4	15.3	5.0	14.5	16.8	16.5	17.0	18.6	18.2	3.9	17.0	9.1	8.0	8.8	10.0	10.2	2.0	15.6
24	15.3	15.5	15.6	16.4	16.5	4.0	16.0	16.3	15.0	15.8	17.3	16.6	3.5	16.0	7.7	7.0	7.8	9.5	6.8	4.7	14.0
25	11.8	12.0	10.8	13.2	15.4	4.4	16.2	14.3	13.6	14.7	15.2	15.6	7.9	15.2	8.9	8.1	10.2	10.3	7.2	6.7	13.0
26	13.5	13.8	11.3	14.4	16.3	7.4	17.0	14.5	13.4	16.0	14.9	14.8	2.9	15.2	7.9	8.4	8.4	8.1	8.1	1.4	12.0
27	11.3	10.7	10.3	12.9	14.4	2.7	12.0	11.8	13.5	14.2	14.9	13.6	4.9	14.0	10.4	9.5	9.3	11.0	8.8	1.8	13.6
28	10.1	9.6	10.0	12.0	10.6	2.5	11.5	10.3	10.2	10.0	12.0	12.5	1.5	14.8	11.0	9.9	10.0	10.5	11.7	1.4	11.0
29	6.2	6.7	6.8	9.5	10.6	2.8	14.0	11.1	11.8	13.6	13.4	12.2	1.6	14.0	7.8	8.6	9.0	8.4	10.9	0.0	11.0
30	7.7	8.5	8.5	8.6	11.8	-2.6	11.0	7.0	9.1	11.0	9.3	7.8	1.5	11.4	6.7	5.7	5.5	7.4	8.7	0.7	11.0
31	8.9	9.5	9.5	10.3	10.5	-0.3	11.0	3.8	4.4	4.8	5.8	5.7	-5.0	8.2							
Mittel	12.0	12.0	12.7	13.5	13.9	3.5	14.1	11.2	12.1	12.6	13.0	12.7	2.9	13.6	9.5	9.5	10.4	11.0	10.4	2.1	12.3

Tag	Oktober							November							Dezember						
1	1.9	2.2	1.3	2.5	7.7	-0.9	10.2	1.0	1.5	2.0	1.6	1.8	-9.4	3.5	-2.1	-0.7	1.0	-2.0	-0.7	-17.5	1.0
2	2.7	1.9	5.3	1.5	4.2	-3.0	7.0	1.1	2.4	1.0	0.8	1.4	-7.5	3.5	-4.6	-4.0	-0.8	-3.1	-3.6	-20.6	-2.5
3	0.7	2.4	4.0	4.0	3.8	-6.0	3.6	3.7	4.0	3.0	6.2	5.3	-2.5	5.0	-4.2	-2.7	-2.0	-1.3	-1.4	-13.7	-1.6
4	4.2	5.5	2.3	6.2	7.1	-2.8	7.0	5.9	6.0	5.8	8.5	8.1	1.3	9.0	1.7	0.4	-0.7	2.7	0.9	-8.3	-1.0
5	6.8	6.3	5.5	7.5	8.1	-2.2	5.0	4.5	5.6	5.7	8.5	7.5	0.8	9.4	-1.6	-0.6	-1.2	2.7	0.6	-10.9	-0.5
6	3.2	4.0	3.3	3.8	4.8	-5.2	5.0	5.4	5.7	7.8	8.0	9.0	-2.5	7.0	-2.9	-0.5	-2.5	1.0	-0.4	-10.0	-0.5
7	6.3	3.9	4.2	6.7	6.9	0.9	9.0	5.8	6.3	6.9	7.3	10.4	2.0	10.0	-3.0	-0.5	-2.2	-0.4	-1.0	-12.2	-0.5
8	3.5	4.2	6.5	6.0	5.9	-3.4	6.6	3.2	5.0	4.2	7.9	7.6	0.1	9.0	-2.6	0.2	0.0	3.0	-1.4	-11.5	0.0
9	3.4	4.0	4.2	5.0	5.3	-3.0	8.6	7.7	8.3	8.5	9.3	7.5	-2.5	10.2	-1.2	1.5	3.0	3.7	0.4	-11.0	0.0
10	3.9	5.2	3.8	4.3	2.2	-2.7	5.6	7.4	5.5	6.0	7.4	9.5	-7.0	8.4	1.9	2.0	2.8	5.2	1.6	-10.6	0.0
11	5.4	5.7	6.0	3.6	6.9	-0.3	6.0	4.5	4.6	4.5	5.5	4.9	-6.9	5.5	1.8	3.7	5.0	5.2	2.7	-9.2	0.0
12	4.8	6.4	5.3	6.6	5.7	1.1	11.0	1.5	2.6	2.6	3.4	3.6	-6.7	6.0	3.3	2.3	4.0	6.5	3.9	-6.6	0.5
13	7.9	8.7	7.5	9.7	8.0	1.9	11.0	0.7	1.3	3.5	0.6	4.9	-7.3	3.5	5.3	5.6	6.2	8.0	5.7	-4.0	0.5
14	8.4	8.2	8.3	9.0	9.5	2.9	9.5	-1.8	0.2	2.0	-2.0	3.3	-9.7	5.6	6.2	5.9	4.2	6.5	6.9	-4.8	2.0
15	4.8	4.6	6.9	7.1	7.8	0.9	9.0	-2.9	-1.2	2.0	-2.9	-0.8	-13.1	4.0	2.9	2.4	4.0	3.5	0.8	-8.5	1.6
16	4.0	4.6	4.0	6.5	6.6	-0.2	8.0	-3.2	-2.2	0.0	-3.2	-2.3	-13.0	1.0	1.4	4.9	2.0	2.3	1.4	-8.0	-1.0
17	2.1	3.0	0.3	4.8	5.7	-0.9	5.6	-5.0	-3.3	-1.2	-3.4	-2.9	-10.6	-0.5	1.2	1.9	3.0	4.4	2.8	-9.4	0.0
18	1.2	3.5	3.0	2.8	3.6	-2.6	6.5	-3.7	-2.9	-2.2	-0.9	-1.9	-15.6	-1.8	0.3	1.0	1.2	3.6	0.0	-13.3	-1.0
19	1.2	3.0	5.0	5.9	3.0	-5.7	6.5	-2.4	-1.6	0.0	-1.2	0.2	-12.6	-1.0	0.5	0.5	3.5	3.2	3.2	-5.7	1.0
20	4.8	5.5	5.6	6.8	7.0	-2.3	7.6	-1.0	-1.5	1.2	-1.5	-0.4	-14.6	-1.6	0.5	0.0	0.2	2.1	2.1	-10.5	-1.5
21	2.5	5.0	2.6	5.1	4.6	-5.4	4.4	-1.8	-3.3	0.3	-4.4	-1.7	-13.8	-1.6	-2.2	-1.0	-0.1	1.0	0.0	-17.0	2.5
22	2.8	3.7	3.2	3.8	5.0	0.4	8.0	-4.2	-2.0	-0.8	-1.3	-0.4	-13.3	-1.5	-2.6	-1.2	-0.8	0.5	-0.9	-18.7	0.5
23	2.8	4.7	4.0	5.0	8.4	3.5	9.5	-5.2	-2.7	-1.2	-2.5	-3.1	-14.7	-2.5	5.3	4.8	7.0	1.7	0.9	-6.6	0.0
24	5.8	6.8	7.2	8.5	8.6	0.9	10.0	-4.1	-2.3	-2.9	-3.6	-3.6	-15.5	-3.2	2.1	2.7	4.9	4.6	2.2	-6.4	-0.5
25	8.9	7.9	6.8	9.2	10.9	0.2	7.5	-3.3	-1.9	1.2	-0.5	-3.5	-15.3	-3.4	-0.9	-1.3	-1.3	0.2	-0.5	-18.3	0.5
26	6.0	6.4	8.0	6.1	7.8	-2.6	6.0	0.8	2.0	1.3	2.1	0.9	-9.7	-0.6	-3.1	-2.8	-2.2	-2.5	-3.0	-25.0	-3.4
27	3.2	3.8	2.5	4.1	4.9	-4.8	9.2	0.6	1.9	2.8	2.4	2.3	-10.5	-0.5	-5.4	-3.3	-3.0	-0.7	-4.5	-26.8	-4.2
28	-1.1	-0.4	-0.5	-0.2	1.0	-9.6	3.5	2.7	2.7	2.7	4.3	2.9	-4.7	-0.8	-2.2	-1.5	-1.5	-0.7	-3.1	-23.0	-2.6
29	-1.5	-1.0	-0.8	0.4	1.9	-8.0	3.0	2.7	2.8	3.8	4.0	2.0	-10.1	0.0	2.6	5.0	4.5	10.2	2.3	-2.7	-2.8
30	1.5	2.2	2.8	0.0	1.6	-9.0	5.5	0.1	0.5	2.8	1.0	3.6	-15.6	0.0	5.7	7.6	7.8	9.2	3.7	-3.2	-2.0
31	1.9	1.9	3.5	2.0	1.5	-9.5	4.4								2.2	2.2	3.0	4.3	2.5	-3.5	-2.5
Mittel	3.7	4.3	4.3	5.0	5.7	-2.5	7.7	0.7	1.5	2.4	2.0	2.5	-8.7	2.7	0.2	1.1	1.6	2.7	0.8	-11.5	-0.6

Temperatur-Maxima 1918.

Tag	Januar							Februar							März						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	-5.6	-4.6	-2.3	-4.5	-2.1	-7.0	5.0	-1.2	-1.5	-0.6	3.8	-0.4	-1.7	8.6	1.3	1.5	4.8	7.5	3.3	-0.6	7.0
2	-4.5	-2.8	-2.6	-3.5	2.0	-4.0	5.0	-0.4	-1.5	-1.2	3.1	-0.4	-2.6	9.0	3.7	0.7	1.8	1.0	3.0	-1.8	8.0
3	-1.3	-0.7	0.4	-1.0	-0.1	-4.0	5.0	-1.2	-2.0	-1.6	3.2	-0.3	-1.7	9.0	6.5	5.8	5.7	5.0	4.9	2.0	8.5
4	-6.3	-4.5	-3.0	-6.0	-4.6	-11.0	4.6	2.5	-1.5	-0.9	5.0	-0.2	-1.8	9.0	6.3	4.1	7.3	3.0	5.4	1.4	7.5
5	-5.6	-6.0	-2.2	-4.6	4.0	-8.9	4.0	0.7	-2.0	-0.4	3.5	-0.4	-1.5	9.5	4.8	4.6	4.6	7.7	8.8	-0.5	12.0
6	-2.4	6.0	6.5	-2.6	7.5	-4.2	4.8	4.2	2.5	5.7	5.5	2.5	0.1	9.5	7.2	5.2	5.8	9.0	7.8	0.8	9.5
7	7.2	6.0	7.8	9.5	9.5	-1.8	3.5	11.0	10.7	13.6	11.0	8.7	2.0	9.5	6.4	6.8	6.3	6.0	6.5	4.6	11.5
8	2.5	2.6	8.0	9.7	8.8	-0.8	9.0	12.9	12.0	14.2	13.9	9.3	4.2	11.0	8.1	7.3	6.4	11.0	7.3	2.7	8.8
9	-3.8	-6.2	-3.0	-3.5	-2.1	-4.2	8.4	10.5	10.1	12.8	9.8	9.6	5.0	10.6	11.1	8.3	8.8	12.5	9.5	2.5	14.5
10	1.6	0.6	2.8	3.0	-2.0	-5.4	4.0	11.5	11.3	12.3	13.0	9.0	3.5	11.0	11.6	10.4	10.0	13.2	10.5	3.9	15.0
11	3.1	2.5	5.7	5.0	-0.1	-7.5	5.5	12.5	10.0	8.2	13.5	9.3	4.8	12.0	11.7	11.3	11.0	13.2	11.0	2.9	16.0
12	0.5	3.0	6.0	1.7	5.5	-4.1	5.5	12.5	9.5	9.6	12.5	8.4	3.4	10.5	11.8	11.1	9.3	13.4	11.3	2.8	14.0
13	4.9	4.2	5.8	4.1	4.4	0.4	4.5	9.3	8.4	13.9	9.5	8.9	2.7	10.5	11.9	14.0	11.0	13.6	11.5	4.0	17.0
14	2.6	1.6	2.4	2.0	1.9	-9.2	9.5	6.1	6.1	7.9	6.9	4.5	2.5	9.0	11.0	12.5	11.6	12.6	10.5	5.0	15.0
15	6.9	6.4	6.5	11.5	7.4	0.3	7.0	0.9	4.0	5.7	5.6	2.7	-2.1	12.5	2.8	1.7	6.5	4.2	9.1	-1.0	9.0
16	10.2	8.8	11.6	15.0	9.0	2.5	5.0	-2.5	-1.8	-1.2	-0.9	-1.0	-6.8	7.5	9.7	7.7	10.6	12.5	14.0	1.9	9.0
17	8.0	10.7	13.7	9.5	6.5	4.8	7.0	-0.4	1.4	1.2	-0.1	-0.4	-4.6	5.8	14.3	13.5	12.7	15.0	13.8	3.8	14.0
18	10.3	10.2	11.0	12.8	12.8	2.7	7.0	2.1	2.5	1.8	1.0	0.5	-1.0	7.0	15.6	15.5	14.0	16.0	15.4	4.0	17.0
19	9.6	9.6	14.2	14.0	13.8	3.0	7.0	1.4	0.7	1.8	3.4	1.0	-2.5	5.8	14.6	12.6	15.4	16.0	13.7	5.7	17.0
20	11.9	10.0	14.2	13.0	14.7	2.3	5.5	6.8	5.3	5.2	6.0	3.5	-3.2	9.0	8.6	8.0	10.4	10.0	11.0	5.7	16.5
21	12.3	8.2	11.1	9.8	14.0	0.0	6.0	4.0	3.2	8.3	3.0	5.5	2.4	8.5	11.3	12.7	10.5	12.5	15.0	5.0	18.5
22	8.2	6.1	6.8	11.0	14.4	3.0	5.8	6.5	6.3	10.8	7.5	6.1	0.5	16.0	11.6	12.0	13.4	11.9	11.0	6.7	20.5
23	9.7	8.4	10.0	9.0	12.6	2.6	6.5	13.0	12.6	11.2	10.3	5.6	7.5	30.0	14.6	15.3	14.8	16.5	13.3	8.8	19.0
24	10.1	5.3	9.0	12.5	10.4	0.2	8.5	5.7	5.0	8.6	12.1	4.0	6.4	21.0	17.4	16.4	14.3	18.5	15.8	8.0	20.5
25	8.4	1.5	2.8	10.2	6.5	0.8	8.5	5.0	5.0	6.2	8.7	4.6	5.0	16.0	17.2	16.3	18.2	18.0	13.0	8.3	19.0
26	8.2	1.1	0.2	5.7	3.0	1.1	8.5	5.5	7.4	6.6	7.7	6.0	1.3	16.0	8.0	6.4	8.7	8.5	3.5	2.4	17.8
27	6.7	0.0	-0.8	5.7	2.8	0.0	8.5	8.4	8.8	11.0	8.2	7.3	3.9	17.0	5.6	7.5	7.3	5.8	6.3	-2.6	11.5
28	6.0	-0.3	-1.0	6.0	2.0	-1.2	9.5	7.9	5.2	8.2	8.7	8.4	2.9	12.0	12.5	11.4	14.2	12.5	11.1	4.0	9.5
29	1.7	-0.8	-0.9	3.3	0.7	0.5	10.0								10.7	10.2	11.0	11.5	11.8	4.5	10.0
30	-0.6	-1.5	-0.4	-0.4	0.0	0.0	9.5								13.0	11.1	10.8	13.5	11.3	3.4	13.0
31	-1.8	-1.8	-0.2	2.0	-0.3	-0.2	8.6								10.8	9.0	10.7	12.8	13.4	6.2	13.0
Mittel	3.8	2.7	4.5	5.2	5.3	-1.6	6.7	5.5	4.9	6.4	7.0	4.4	1.0	11.5	10.1	9.4	9.9	11.1	10.1	3.4	13.5

Tag	April							Mai							Juni						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	11.5	10.1	10.7	10.9	17.0	5.2	8.5	14.4	12.1	15.8	13.5	10.6	9.1	21.0	21.7	23.5	23.5	22.0	20.3	15.7	25.0
2	11.1	9.9	11.8	12.0	10.0	4.8	12.0	16.4	17.3	17.2	17.7	17.5	10.4	22.5	20.8	22.4	22.1	21.5	20.9	15.7	26.0
3	14.0	12.0	11.2	15.4	13.5	5.6	15.0	21.0	19.8	17.3	22.0	23.7	12.9	24.0	23.1	23.3	23.0	21.4	22.4	14.8	26.0
4	14.2	11.2	14.7	18.0	16.6	5.8	11.0	21.9	22.2	18.9	23.8	25.6	13.8	23.0	19.8	20.7	23.2	19.2	16.7	13.0	25.5
5	14.0	12.0	14.0	15.0	17.3	7.0	12.0	18.9	18.9	18.3	18.5	19.9	9.6	16.6	17.0	18.4	17.4	17.1	14.3	9.1	17.5
6	13.9	13.7	14.9	15.0	15.1	9.0	15.5	19.4	19.0	17.8	19.7	20.3	12.5	14.6	18.4	20.2	19.6	20.5	22.3	10.9	21.5
7	13.2	13.3	13.3	14.5	12.6	6.3	15.5	20.6	18.0	17.7	21.5	21.4	10.4	13.0	21.7	23.0	22.1	23.5	25.0	13.3	24.0
8	9.9	9.3	10.0	9.0	12.4	5.7	12.5	16.6	13.7	15.3	16.0	15.7	9.8	19.5	24.2	24.0	23.3	25.2	24.5	14.5	26.0
9	14.0	11.2	11.9	13.0	18.0	4.2	8.5	17.9	20.4	17.8	19.2	16.5	11.7	21.5	25.4	25.6	26.8	26.3	26.2	18.0	27.5
10	13.6	12.5	12.8	10.6	16.2	6.6	15.0	19.7	22.0	20.4	21.7	19.9	14.4	23.0	12.8	12.8	18.5	19.0	17.0	11.4	24.0
11	17.6	17.4	19.8	17.5	17.3	5.5	11.5	20.5	22.5	23.2	21.0	21.8	14.4	20.5	16.1	16.0	16.3	20.0	17.7	14.5	20.0
12	17.6	17.0	16.0	18.5	20.0	8.8	12.5	16.9	16.0	19.4	17.4	14.0	11.8	18.5	17.8	21.9	21.6	22.0	15.9	12.4	16.0
13	17.7	17.5	16.7	19.2	19.7	9.0	10.5	17.9	17.6	20.5	17.6	19.5	12.7	22.0	22.5	23.9	23.2	23.0	23.6	15.2	23.0
14	18.9	20.1	20.0	19.5	21.5	9.1	14.2	12.7	12.2	17.4	15.7	12.5	11.5	17.0	25.0	25.4	28.1	26.5	25.9	18.6	25.0
15	15.3	14.5	15.2	14.5	15.4	8.0	17.0	16.7	18.0	17.0	18.0	19.4	12.3	21.8	21.6	21.5	24.9	21.5	21.9	17.4	21.0
16	9.7	9.1	13.3	9.7	11.0	7.2	17.0	20.9	22.0	23.2	22.0	23.5	15.7	28.5	12.9	12.4	13.5	15.6	14.7	11.0	19.5
17	11.7	13.5	12.6	13.0	11.1	9.0	15.5	24.1	24.4	22.8	27.0	24.4	17.0	23.0	13.4	12.6	13.3	13.0	16.5	15.1	20.5
18	13.1	12.8	13.7	15.2	12.7	9.0	12.5	24.7	23.8	24.5	26.1	24.6	18.0	24.0	14.9	15.0	15.8	16.9	11.6	11.6	23.0
19	2.5	4.5	9.0	10.6	6.0	8.9	13.0	24.7	26.0	23.5	25.6	24.3	18.2	24.5	18.1	16.3	19.0	19.5	19.7	14.6	24.0
20	5.3	7.0	5.3	6.5	5.9	7.5	17.5	23.9	25.2	24.6	26.1	25.0	19.0	26.5	16.2	16.4	18.0	17.5	15.5	9.5	24.0
21	2.3	3.5	3.8	5.4	7.1	4.5	12.0	25.0	25.5	24.9	26.9	25.7	18.6	27.0	13.9	12.6	15.0	16.0	11.9	8.4	25.[illegible]
22	5.3	3.8	6.2	6.0	10.5	4.5	14.5	25.2	25.7	24.8	28.0	26.0	19.0	29.0	19.5	18.8	22.0	20.1	19.8	14.5	28.[illegible]
23	9.0	8.7	9.6	9.5	10.0	4.8	17.0	25.5	26.0	26.8	26.2	26.5	19.6	28.5	16.0	16.0	20.3	16.4	15.7	10.5	27.5
24	11.1	11.3	14.2	10.0	12.6	5.5	14.5	20.9	22.0	23.7	21.0	19.5	19.5	29.2	17.6	16.5	22.0	18.5	17.8	12.2	28.6
25	15.5	15.4	17.2	18.0	16.7	5.4	12.0	19.0	20.1	19.4	21.0	23.0	12.7	27.4	19.5	19.0	23.0	19.5	17.2	15.4	27.5
26	17.5	17.2	19.0	19.2	19.6	9.0	12.0	20.9	21.7	21.3	20.5	18.7	14.4	28.5	21.3	22.0	26.3	21.0	18.7	15.4	26.5
27	17.3	17.8	18.0	17.3	15.3	6.4	14.5	18.7	20.0	21.1	18.6	16.5	11.7	22.4	17.5	18.6	19.7	18.0	15.3	8.1	23.5
28	12.1	12.1	12.6	10.8	12.8	8.5	14.5	15.9	17.5	16.9	18.0	15.7	6.0	20.2	20.9	21.5	20.8	23.0	20.0	15.0	25.0
29	14.4	14.5	15.5	15.4	15.5	11.0	14.0	17.6	19.0	18.8	19.1	14.0	8.0	21.0	20.1	20.7	21.3	21.9	22.8	13.3	25.2
30	12.9	11.3	14.6	12.5	13.1	9.9	17.0	20.0	21.3	20.8	21.2	18.7	14.0	23.5	20.0	21.1	21.3	21.5	21.6	15.0	28.0
31								21.2	22.2	21.4	23.5	23.2	14.1	23.5							
Mittel	12.5	12.1	13.3	13.4	14.1	7.1	13.6	20.0	20.4	20.4	21.0	20.2	13.6	22.8	19.0	19.4	20.8	20.2	19.1	13.5	24.1

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Tag	Juli							August							September						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	20.3	21.7	21.3	23.5	23.4	16.0	23.2	26.6	27.0	29.0	27.1	26.2	20.2	29.5	24.7	24.3	27.0	23.8	21.9	15.5	26.5
2	21.4	23.0	22.6	23.7	23.7	12.7	27.5	18.6	19.2	20.0	19.6	21.5	17.3	26.0	19.3	20.5	20.4	19.5	16.9	12.9	24.5
3	21.8	20.6	21.3	20.0	18.8	10.0	27.5	20.8	24.0	24.8	22.3	18.5	12.7	24.0	20.8	22.1	24.3	20.0	19.5	16.0	27.5
4	18.5	16.8	20.3	15.5	16.0	10.6	28.0	18.1	18.3	21.7	19.9	18.8	10.1	23.8	25.5	25.5	27.9	26.0	22.3	16.4	27.0
5	19.6	22.0	21.2	23.0	17.7	15.8	27.5	21.0	21.5	25.2	19.4	19.2	15.5	28.5	24.8	23.6	29.5	21.9	23.4	18.1	28.0
6	20.5	20.9	23.0	22.2	17.8	13.5	26.2	22.6	24.2	24.9	22.1	21.3	16.2	26.2	21.0	21.9	24.8	22.0	17.6	12.5	24.6
7	24.0	25.5	27.6	25.5	23.0	18.5	29.5	16.2	16.4	20.0	17.3	17.3	8.8	28.0	22.8	23.0	20.4	24.6	21.5	15.5	28.2
8	27.0	27.0	30.0	29.5	27.0	21.2	29.0	21.1	22.6	22.2	24.1	20.4	14.7	28.5	20.6	20.8	24.0	23.3	18.6	12.5	22.5
9	23.6	24.4	24.9	22.7	24.8	12.6	24.0	19.8	18.0	23.0	19.0	18.9	14.8	25.0	14.9	14.3	18.4	18.0	16.3	11.4	23.6
10	20.5	23.0	24.3	19.5	19.0	15.2	20.8	18.6	19.7	20.3	19.8	15.9	14.0	27.0	22.9	21.3	24.2	24.0	21.8	14.0	25.0
11	21.2	21.2	24.0	21.6	21.2	17.0	27.5	20.5	22.1	20.8	22.8	21.3	17.3	29.0	18.5	17.2	21.3	18.0	16.7	12.6	27.5
12	23.8	24.0	25.7	24.4	22.1	18.5	28.0	22.5	22.3	24.6	24.6	22.5	19.0	29.0	15.3	19.3	20.2	20.4	15.5	14.5	27.0
13	22.6	24.0	25.7	23.2	23.5	19.8	29.5	23.1	25.0	23.9	25.0	22.2	17.6	30.0	16.5	17.9	20.4	17.5	15.4	11.4	25.5
14	21.0	20.7	22.9	22.0	22.0	20.0	26.5	23.0	25.0	23.2	24.1	22.5	16.5	28.2	18.3	18.5	17.8	18.9	17.8	13.4	24.5
15	27.5	28.6	29.9	29.5	27.0	22.0	29.5	26.2	27.5	29.8	27.8	22.7	19.4	28.5	22.1	22.2	20.0	22.5	20.0	18.2	26.2
16	29.5	30.7	31.2	32.7	32.6	23.3	31.5	28.4	28.5	31.1	29.9	27.5	20.8	30.5	23.4	23.3	26.4	26.0	21.4	17.8	27.2
17	30.7	31.0	30.2	35.5	34.2	25.5	32.8	28.0	29.0	30.7	26.5	25.5	21.8	30.8	24.5	24.2	26.6	24.5	22.5	20.5	27.6
18	27.2	27.2	29.6	27.0	26.0	24.2	32.5	26.7	28.0	30.7	26.6	23.7	21.0	30.6	21.6	23.8	24.7	24.7	22.5	19.7	27.0
19	25.6	27.3	26.3	29.0	27.0	22.7	33.5	23.8	25.4	25.6	21.5	23.6	17.8	30.6	24.2	22.1	24.6	24.0	22.0	20.9	27.5
20	29.0	29.8	30.0	35.0	31.8	22.6	31.8	24.0	27.0	26.1	25.2	25.2	19.4	31.0	11.8	10.9	21.0	17.5	15.5	18.5	25.6
21	22.8	24.5	25.9	27.0	27.8	21.6	32.5	27.9	28.7	26.4	29.8	27.3	22.5	30.8	17.6	18.9	20.3	17.5	16.5	15.4	26.6
22	23.6	25.3	23.7	26.5	28.3	20.8	30.0	30.5	30.6	28.2	31.5	29.2	22.9	31.5	16.1	14.4	15.0	14.5	23.5	14.6	21.0
23	21.7	20.5	22.6	24.0	22.3	19.3	28.5	30.7	30.9	33.1	33.3	27.0	22.1	32.6	13.3	12.8	13.2	14.4	15.6	14.1	22.5
24	23.6	25.5	26.1	24.0	24.2	22.5	31.0	25.9	25.5	29.2	25.0	24.6	21.0	30.5	11.4	12.7	13.0	12.6	10.4	10.3	20.0
25	23.4	25.2	26.1	25.0	21.2	21.5	30.5	23.0	24.0	24.3	22.9	21.7	17.1	30.0	16.2	17.4	16.8	17.8	14.4	17.5	24.0
26	22.3	24.5	26.0	24.0	20.6	17.0	27.5	22.5	23.7	25.8	23.0	21.5	17.5	27.8	19.4	20.3	18.7	18.4	16.6	18.7	27.5
27	17.8	18.0	20.0	19.8	17.8	13.5	27.5	22.4	23.4	23.7	22.0	20.0	17.4	29.0	19.5	20.5	22.2	18.5	15.7	13.3	23.0
28	15.0	18.1	19.5	14.2	11.7	12.0	27.0	24.5	24.5	26.8	23.7	22.5	17.4	27.0	16.8	17.3	20.4	15.3	16.0	14.7	25.0
29	20.2	23.7	21.0	22.3	21.4	15.5	28.5	18.9	22.4	21.2	20.4	18.6	13.2	26.5	19.1	17.2	20.8	16.5	16.8	13.9	23.0
30	22.2	25.7	23.6	23.8	22.7	17.3	29.0	15.8	17.5	17.3	17.0	15.5	10.6	23.0	13.0	13.6	17.3	17.5	16.3	12.8	20.5
31	24.5	25.3	23.1	25.0	21.6	18.4	29.0	20.5	21.3	21.0	21.6	19.0	16.4	27.2							
Mittel	23.0	24.1	24.8	24.5	23.2	18.1	28.6	23.0	24.0	25.0	23.7	22.0	17.2	28.4	19.2	19.4	21.1	20.0	18.4	15.3	25.2

Tag	Oktober							November							Dezember						
	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano	Bern	Neuchâtel	Genf	Basel	Altdorf	Bevers	Lugano
1	11.8	14.5	13.0	12.4	11.0	7.8	21.5	9.6	7.1	10.0	10.5	7.5	6.8	12.5	2.1	4.1	4.2	1.7	4.5	−5.0	10.8
2	11.1	13.5	12.2	11.9	10.5	3.0	17.0	7.6	7.5	8.0	11.2	9.9	7.7	14.0	−0.4	−0.3	4.2	2.5	4.0	−7.5	9.0
3	13.7	16.3	14.0	14.2	12.5	5.0	17.5	13.3	8.3	9.8	14.6	15.2	8.5	14.5	3.6	2.5	2.6	3.0	4.3	0.0	6.8
4	13.5	15.8	14.0	14.5	11.6	6.6	19.0	12.8	10.5	11.7	11.2	13.7	8.0	11.8	11.2	10.4	10.0	9.7	8.0	5.5	9.0
5	15.0	18.8	16.0	13.5	12.9	7.3	20.0	13.5	8.8	10.6	15.3	21.5	9.4	15.5	6.7	2.7	2.9	12.0	6.3	0.8	9.5
6	15.5	13.7	15.5	15.6	13.4	12.5	21.2	10.8	9.0	12.2	13.8	21.5	9.5	14.0	6.4	2.2	0.3	8.2	3.6	1.5	9.5
7	18.0	18.0	19.5	17.5	15.0	12.5	22.0	15.4	14.1	15.5	12.4	19.2	7.8	12.5	5.9	3.0	6.1	6.7	2.5	1.5	9.0
8	10.2	10.2	13.0	11.4	10.5	11.4	22.0	13.8	13.7	12.3	14.6	19.0	6.5	11.8	6.8	4.5	5.3	7.0	5.7	0.0	8.5
9	9.5	12.3	11.3	10.5	7.5	3.5	19.0	11.6	11.0	11.8	12.0	12.2	7.8	16.5	5.5	4.8	6.9	7.0	7.2	3.4	6.5
10	7.9	9.0	11.6	10.1	10.5	10.2	20.5	10.0	11.0	11.7	10.3	12.3	7.0	14.5	8.0	5.7	6.0	9.0	7.2	2.0	8.5
11	10.3	10.5	13.3	12.9	9.8	10.1	17.4	12.0	13.2	12.8	11.5	10.4	9.0	14.5	8.0	7.7	8.8	8.9	7.5	−0.1	6.5
12	14.8	15.0	13.8	15.8	13.0	9.2	18.0	8.3	10.0	9.1	6.9	8.7	8.0	14.5	11.0	7.7	7.2	10.7	8.2	0.3	6.5
13	10.2	11.5	10.3	11.9	11.5	9.1	14.8	5.6	7.0	8.5	7.2	8.5	2.5	12.6	12.6	10.8	12.0	13.5	12.1	5.4	13.5
14	10.4	12.0	12.1	11.2	12.4	6.5	13.0	5.3	6.1	5.8	4.5	5.9	2.1	11.2	12.5	11.8	10.4	14.0	7.5	6.2	10.0
15	9.7	10.6	10.3	10.2	10.3	4.5	12.0	3.5	5.0	3.8	5.7	5.2	−2.0	9.0	6.1	6.2	8.3	8.6	6.7	0.8	8.0
16	9.6	10.1	12.2	10.5	8.6	2.3	11.5	−0.3	1.0	2.8	1.9	2.5	−4.0	5.0	7.8	9.3	11.4	10.0	5.2	3.0	7.8
17	9.6	11.9	12.7	10.7	10.1	5.2	12.0	0.9	1.0	4.4	2.2	3.1	−3.5	5.5	6.7	6.0	9.8	9.5	6.0	−0.2	8.0
18	8.6	8.4	9.7	6.6	10.7	5.0	15.0	2.8	5.2	5.6	0.6	3.9	−1.9	7.0	9.5	4.7	5.8	7.7	8.7	−0.9	7.0
19	10.3	12.7	11.7	10.6	10.5	6.2	13.2	2.6	3.3	6.3	0.6	3.8	−2.4	9.2	9.3	7.4	9.8	11.0	6.6	−0.5	5.5
20	8.9	9.6	10.7	8.8	10.7	6.2	12.5	2.4	4.4	4.8	4.4	3.7	−1.5	8.8	4.6	4.0	7.3	5.6	3.5	−1.7	8.5
21	12.9	14.5	12.3	14.0	14.4	5.6	15.0	0.0	0.4	2.8	3.5	4.5	−0.5	7.5	4.0	3.0	5.0	3.5	3.0	−4.0	10.5
22	11.0	11.1	11.8	13.0	16.5	11.0	12.5	0.1	0.6	2.4	3.0	3.0	−3.7	6.0	10.6	5.9	9.2	2.0	4.0	−5.5	7.8
23	15.6	12.9	14.0	15.1	21.2	9.7	16.5	−1.6	−0.7	2.0	2.0	2.4	−3.5	4.5	11.5	9.0	12.0	14.1	7.2	6.2	7.0
24	11.9	11.3	12.3	11.2	13.8	8.7	13.4	2.1	4.0	5.3	3.5	1.5	−2.5	6.0	5.6	4.7	8.5	7.5	4.3	0.0	8.8
25	13.2	16.3	14.4	12.6	13.0	9.6	15.6	4.8	3.1	4.5	5.0	4.0	−1.0	6.5	4.6	6.5	7.2	5.5	3.8	−2.9	10.2
26	9.5	12.0	13.0	9.7	10.2	7.0	16.5	6.5	8.0	8.3	7.5	6.1	−0.5	6.0	1.5	3.0	3.2	2.3	1.4	−14.0	10.2
27	10.1	14.1	11.6	10.0	9.7	6.3	17.0	6.4	7.0	10.2	7.5	7.4	−1.0	6.5	0.4	0.1	0.8	1.5	0.0	−14.1	9.8
28	10.0	12.0	10.0	9.7	8.6	5.4	13.5	7.1	6.7	9.6	7.5	5.6	0.0	7.5	8.9	5.9	5.2	11.0	5.5	−1.3	6.8
29	11.2	12.6	11.0	10.7	8.5	4.4	13.0	6.6	6.1	6.5	10.9	4.5	0.5	9.5	11.9	9.5	9.8	13.0	7.0	6.2	7.5
30	6.7	5.8	8.2	7.5	7.9	7.4	13.0	6.1	5.9	8.2	4.6	5.5	−1.7	8.0	11.5	10.5	13.8	13.0	11.9	7.0	7.0
31	6.8	5.2	6.8	7.6	7.2	7.3	12.0								4.7	5.9	12.2	12.5	6.5	2.6	5.5
Mittel	11.2	12.3	12.3	11.7	11.4	7.3	16.0	6.7	6.6	7.9	7.5	8.4	2.4	10.1	7.1	5.8	7.3	8.1	5.8	−0.2	8.4

Resultate der Aufzeichnungen der autographischen Apparate für Luftdruck, Temperatur, Richtung und Geschwindigkeit des Windes

auf den Stationen: Zürich, Säntis und Bern

im Jahre 1918.

In den nachfolgenden Tabellen folgen die stündlichen Werte einiger meteorologischen Elemente für Zürich und Säntis in extenso, für Bern nur in Monatsmitteln. — In Zürich und auf dem Säntis werden die Temperaturen durch Richard'sche Thermographen, die Daten für Luftdruck durch Sprung-Fuess'sche Barographen, die Aufzeichnungen der Windrichtung und Windgeschwindigkeit durch Anemographen von Beckley erhalten. — In Bern geschieht seit Anfang 1898 die Registrierung der Temperatur und Feuchtigkeit in veränderter Exposition, nämlich in einer freistehenden Hütte und mit Verwendung des Richard'schen Thermo- und Hygrographen, die Luftdruckbeobachtungen dagegen werden wie bisher vom Wild-Hasler'schen Barographen gewonnen. — Die Stundenzählung ist auch hier von 0—24 durchgeführt.

Januar 1918. Stündliche Lufttemperaturen $h_t^* = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	-6.6	-6.4	-6.3	-6.4	-6.6	-6.5	-6.8	-7.2	-7.0	-5.6	-3.8	-2.2	-1.8	-3.3	-4.8	-5.9	-7.3	-7.6	-6.6	-5.7	-5.2	-5.3	-5.3	-5.3	-5.65
2	-5.2	-5.2	-5.2	-5.2	-5.3	-5.3	-5.4	-5.4	-4.9	-4.1	-3.8	-4.0	-4.0	-4.1	-4.5	-4.6	-4.8	-4.9	-5.2	-5.3	-5.4	-5.5	-5.7	-5.5	-4.94
3	-5.2	-5.1	-4.7	-4.7	-4.6	-4.9	-4.8	-4.5	-4.0	-2.8	-1.7	-1.1	-0.9	-2.4	-2.8	-3.8	-5.0	-5.8	-6.9	-8.0	-9.3	-9.0	-10.4	-11.4	-5.16
4	-10.8	-13.4	-14.0	-14.5	-14.7	-14.0	-14.8	-14.4	-13.2	-10.9	-10.0	-8.0	-6.4	-5.7	-7.1	-8.8	-11.3	-12.1	-12.2	-13.3	-13.2	-13.0	-11.9	-12.5	-11.68
5	-13.6	-14.2	-14.3	-14.9	-15.9	-14.5	-15.3	-15.7	-14.6	-12.3	-9.6	-6.6	-5.3	-4.3	-6.7	-8.2	-10.0	-10.4	-11.5	-11.6	-10.4	-8.9	-9.4	-10.4	-11.19
6	-11.2	-11.8	-10.6	-10.1	-10.9	-11.9	-11.6	-11.1	-10.2	-9.4	-7.4	-5.5	-4.0	-0.6	1.0	2.0	1.7	0.3	1.4	1.4	1.3	1.4	2.8	0.0	-4.71
7	1.4	2.6	5.9	3.0	2.3	3.2	2.0	5.4	6.7	7.3	6.8	7.0	5.5	5.0	4.7	3.9	5.1	4.9	5.6	6.7	4.0	4.0	3.9	5.3	4.68
8	6.7	7.0	5.2	5.2	3.5	4.2	0.5	-0.1	-1.0	-0.8	-1.4	-1.5	-1.3	-1.3	-1.0	-1.6	-3.1	-3.5	-4.0	-4.4	-4.9	-5.2	-5.3	-5.4	-0.56
9	-5.3	-5.4	-5.4	-5.3	-5.3	-6.8	-7.9	-8.2	-8.1	-7.6	-5.9	-5.7	-4.8	-5.6	-6.9	-7.4	-7.6	-7.5	-7.4	-7.2	-7.0	-6.9	-6.7	-6.5	-6.60
10	-7.1	-6.6	-6.7	-6.1	-5.7	-5.3	-4.8	-4.3	-3.5	-3.0	-2.2	-1.3	-0.6	-0.5	0.0	0.4	0.6	0.8	1.1	1.6	1.9	2.0	2.1	2.1	-1.88
11	1.8	1.9	2.0	1.8	1.7	1.8	1.8	1.9	2.2	2.5	3.6	3.8	4.3	3.2	2.7	2.8	1.9	1.7	1.0	0.2	-0.2	-0.4	-0.5	-1.3	1.76
12	-3.2	-4.4	-5.9	-6.0	-6.3	-6.5	-6.3	-6.5	-6.2	-1.8	0.4	2.1	0.8	2.0	0.2	-0.8	-0.4	-0.4	-1.2	-1.5	1.8	3.1	2.3	1.8	-1.79
13	0.2	0.5	3.1	2.8	2.0	2.3	2.8	2.8	2.8	4.5	4.6	4.9	4.9	4.2	3.9	3.3	1.6	1.3	1.0	0.7	0.4	0.1	-0.2	-1.4	2.21
14	-2.1	-3.5	-4.7	-5.2	-5.4	-4.7	-5.4	-5.2	-4.0	-1.5	1.3	2.6	3.3	3.1	0.9	0.3	-1.4	-1.8	-2.5	-2.9	-3.9	-4.6	-5.7	-6.3	-2.47
15	-6.4	-6.5	-6.0	-5.2	-5.7	-5.7	-4.6	-3.5	-2.2	4.7	4.9	4.8	5.0	6.2	6.8	5.8	6.4	6.5	6.0	7.2	6.1	5.8	6.8	7.9	1.89
16	8.5	7.9	5.5	7.6	8.3	9.6	9.2	9.9	10.0	10.2	8.8	8.6	8.0	8.9	9.7	10.4	10.4	10.6	10.5	5.9	5.4	4.3	3.7	3.0	8.12
17	2.7	2.6	2.5	2.4	2.3	2.2	2.0	2.1	2.9	3.6	4.8	6.5	6.6	9.5	7.1	5.5	4.9	7.1	8.8	0.8	5.0	5.1	5.5	4.8	4.72
18	4.3	4.1	4.3	4.2	4.1	3.9	4.5	4.9	5.4	6.2	6.6	6.9	7.7	9.2	10.8	10.4	9.7	9.8	9.7	9.8	7.2	7.4	7.7	6.8	6.90
19	4.8	6.4	8.1	8.2	6.4	9.2	5.0	5.1	9.0	9.1	8.8	10.1	12.4	13.3	12.0	10.2	7.2	5.7	4.5	4.3	3.6	3.3	3.4	3.1	7.22
20	3.1	2.3	2.7	2.0	1.1	0.8	1.0	0.1	2.4	5.3	7.5	9.5	11.5	12.1	10.9	10.0	7.9	6.0	5.1	4.5	5.6	5.8	3.8	3.4	5.18
21	3.8	3.0	4.8	2.8	2.9	2.8	3.7	2.7	3.0	4.4	6.3	9.0	11.4	12.9	11.7	10.2	7.2	5.8	5.1	5.3	3.4	3.4	2.5	1.6	5.40
22	2.1	1.0	2.3	2.0	1.8	2.2	4.0	3.4	3.8	6.2	7.8	10.8	11.6	10.8	9.8	9.4	8.1	7.2	6.9	7.2	6.0	5.8	6.3	5.6	5.92
23	6.1	6.3	6.9	7.4	7.2	5.9	5.4	6.7	6.1	5.8	8.6	7.9	9.4	9.5	9.7	8.9	9.4	9.5	9.4	8.2	7.9	7.8	8.6	8.4	7.77
24	7.8	7.7	6.8	5.4	4.2	4.6	4.0	4.1	5.7	8.2	10.1	12.0	12.7	13.3	12.1	11.6	9.3	7.9	6.5	5.1	4.2	3.4	3.2	2.4	7.18
25	2.3	1.7	1.0	0.4	0.0	0.1	-0.3	-0.4	-0.4	-0.2	0.9	1.3	4.3	6.8	5.8	5.5	3.7	2.5	0.8	-0.3	-0.7	-0.7	-1.1	-1.1	1.33
26	-1.2	-1.4	-1.7	-2.1	-2.1	-2.0	-2.2	-1.7	-1.6	-1.5	-1.2	-0.3	1.2	2.4	2.7	1.7	0.4	-0.3	-0.6	-1.0	-1.6	-2.2	-2.4	-2.5	-0.88
27	-2.6	-2.5	-2.4	-3.0	-2.9	-2.9	-2.8	-3.0	-2.6	-2.5	-1.7	0.6	2.7	4.6	4.7	3.4	1.7	0.3	-0.1	-0.6	-1.6	-2.3	-3.0	-3.3	-0.91
28	-3.3	-3.7	-4.0	-4.3	-4.0	-4.0	-3.8	-4.6	-4.4	-3.3	-2.2	-1.3	0.7	2.5	2.1	-0.6	-1.0	-1.6	-2.1	-1.5	-2.2	-2.4	-2.9	-3.3	-2.30
29	-3.8	-4.0	-4.5	-4.4	-4.3	-4.1	-3.9	-4.2	-4.2	-4.0	-3.3	-2.7	-1.8	-0.9	-1.2	-1.5	-1.6	-1.8	-1.9	-2.3	-2.7	-2.9	-3.1	-3.8	-3.04
30	-3.9	-4.0	-3.9	-3.8	-4.2	-4.4	-4.9	-4.5	-4.8	-4.0	-3.7	-3.4	-2.8	-2.4	-2.3	-2.3	-2.4	-2.5	-2.8	-3.1	-3.2	-3.3	-3.4	-3.4	-3.45
31	-3.5	-3.7	-3.7	-3.6	-3.8	-3.9	-3.9	-3.8	-3.5	-3.3	-3.1	-2.6	-2.6	-2.5	-2.4	-2.4	-2.8	-2.9	-3.0	-3.0	-3.0	-3.1	-3.1	-3.5	-3.20
M.	-1.27	-1.51	-1.38	-1.60	-1.93	-1.76	-2.05	-1.93	-1.29	0.00	0.99	2.01	2.83	3.42	2.89	2.19	1.24	0.80	0.50	0.10	-0.34	-0.43	-0.57	-0.99	0.00

Februar 1918. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	-3.6	-3.9	-3.8	-4.0	-4.1	-4.4	-4.4	-4.4	-4.4	-4.2	-3.8	-3.3	-2.8	-2.6	-2.4	-2.5	-2.6	-3.0	-3.1	-3.2	-3.1	-3.4	-3.6	-4.0	-3.53
2	-4.2	-4.1	-4.3	-4.2	-4.7	-4.6	-4.6	-4.7	-4.9	-4.8	-4.2	-3.7	-3.2	-2.5	-2.5	-2.8	-3.0	-3.6	-4.0	-3.9	-3.9	-3.9	-4.0	-4.2	-3.95
3	-4.4	-4.4	-4.6	-4.7	-4.8	-4.7	-4.6	-4.9	-5.0	-4.8	-4.7	-4.2	-3.7	-3.0	-3.2	-3.4	-3.6	-3.8	-3.9	-4.1	-4.0	-4.2	-4.4	-4.4	-4.23
4	-5.0	-4.9	-4.9	-5.0	-5.0	-5.3	-5.4	-5.3	-5.3	-4.8	-4.0	-1.8	-0.4	1.8	2.7	1.6	-0.5	-1.6	-2.0	-2.5	-2.9	-3.5	-3.8	-4.6	-3.02
5	-4.9	-5.3	-5.5	-5.2	-5.5	-6.0	-6.3	-6.1	-5.8	-5.0	-4.5	-3.9	-3.4	-2.9	-3.0	-2.9	-3.0	-3.7	-3.9	-4.4	-4.6	-4.6	-5.0	-4.6	-4.58
6	-4.6	-4.8	-5.1	-4.9	-4.8	-4.5	-4.5	-4.2	-3.4	-2.3	-1.3	-0.1	1.4	3.0	2.2	2.4	1.4	1.2	2.5	2.4	2.0	1.7	1.4	1.9	-0.87
7	3.7	2.1	1.6	3.8	4.7	5.5	4.9	5.0	6.0	6.5	9.5	9.2	9.8	10.6	10.3	10.4	10.3	9.4	9.5	8.4	6.8	6.3	6.0	4.7	6.88
8	4.6	4.8	3.8	4.5	2.5	2.2	1.8	2.4	4.2	5.2	7.3	12.4	11.0	14.6	13.2	12.1	9.0	8.4	7.7	7.6	6.6	6.4	6.3	5.5	6.84
9	5.1	5.0	4.1	2.7	1.6	2.2	1.4	3.6	5.1	7.0	10.2	12.1	11.4	12.0	10.9	8.8	7.4	5.6	4.7	3.5	3.4	2.8	2.0	2.1	5.61
10	1.9	1.8	1.7	1.7	1.7	1.3	1.4	1.4	3.0	6.1	10.3	11.8	11.2	12.3	12.2	11.3	10.0	7.4	6.3	4.9	4.3	3.2	2.6	2.8	5.52
11	2.4	1.9	1.3	1.2	1.0	0.6	0.7	0.3	2.7	7.6	10.0	11.8	12.0	12.6	12.1	10.4	9.2	6.7	6.3	5.6	4.0	2.9	2.7	3.1	5.38
12	2.7	2.1	2.3	2.2	1.7	1.0	0.8	0.9	3.8	7.1	9.5	10.8	12.3	13.2	12.6	10.9	9.8	5.8	4.7	3.5	3.8	2.6	3.1	1.1	5.35
13	0.5	0.3	-0.2	-0.7	-0.2	-1.2	-1.4	-0.8	1.3	4.1	7.7	9.6	10.8	10.3	8.9	8.7	7.6	6.5	5.5	4.9	4.6	4.5	4.4	4.3	4.17
14	4.1	4.0	3.6	3.0	2.8	2.6	2.7	3.2	3.4	3.8	4.4	4.0	4.4	4.6	5.5	5.4	3.9	3.9	3.8	3.9	3.8	3.8	3.3	2.8	3.78
15	1.7	1.4	0.9	0.5	-0.7	-1.4	-2.1	-1.9	-1.3	-1.5	-1.1	-1.6	-0.3	-1.0	-0.7	-1.4	-2.4	-3.0	-3.9	-4.4	-4.8	-5.3	-5.6	-6.0	-1.91
16	-6.3	-6.5	-6.7	-7.1	-7.4	-7.7	-8.0	-7.8	-6.4	-4.9	-3.8	-2.9	-2.1	-2.1	-1.5	-2.6	-3.8	-4.7	-5.0	-5.1	-5.8	-6.3	-0.7	-0.8	-5.33
17	-7.1	-7.8	-8.0	-8.4	-8.7	-8.7	-9.0	-7.7	-6.0	-3.8	-3.6	-3.3	-2.1	-2.9	-1.3	-1.6	-2.5	-2.9	-3.3	-3.8	-4.4	-4.6	-5.6	-6.1	-5.13
18	-6.4	-6.4	-7.0	-7.3	-7.2	-7.8	-7.2	-6.3	-5.4	-4.8	-4.0	-3.2	-1.9	-0.3	-0.7	-1.6	-3.1	-4.2	-4.7	-5.2	-6.2	-6.6	-7.0	-7.2	-5.07
19	-7.2	-7.0	-7.0	-6.3	-5.8	-5.4	-5.6	-5.3	-5.0	-4.6	-4.1	-3.5	-3.1	-2.3	-0.7	-1.2	-2.2	-3.8	-4.3	-5.1	-5.2	-5.4	-5.6	-5.8	-4.65
20	-6.7	-7.0	-6.1	-6.6	-6.5	-6.4	-6.6	-6.5	-6.0	-4.8	-2.8	1.7	4.3	6.0	6.0	5.1	3.0	-0.2	-0.6	-0.8	-1.4	-1.6	-1.9	-2.3	-2.03
21	-2.7	-2.6	-2.7	-2.0	-1.6	-0.3	-0.2	1.2	1.6	3.1	3.8	2.6	3.6	4.0	4.0	3.9	2.9	2.1	1.9	1.9	2.0	2.0	1.8	1.6	1.33
22	1.3	1.1	0.7	0.7	0.5	0.1	-0.6	0.5	2.9	5.4	4.9	5.0	5.4	5.1	5.3	5.6	5.4	5.1	4.2	3.4	3.4	3.6	3.7	4.3	3.21
23	4.7	4.9	5.1	5.4	5.6	5.2	5.6	5.7	6.6	7.5	8.2	8.8	9.7	9.7	9.3	8.8	7.9	7.3	6.7	6.5	5.8	4.6	3.6	2.9	6.50
24	3.4	1.8	0.6	0.2	0.9	1.8	2.4	3.4	3.2	3.3	3.9	4.7	5.0	6.5	9.8	9.1	7.2	4.5	3.2	3.8	3.6	3.4	3.5	3.4	3.86
25	3.3	3.2	3.3	3.1	3.1	3.2	3.3	3.4	3.5	3.9	4.3	4.0	4.0	4.2	4.2	4.4	4.2	3.8	3.4	3.0	2.9	3.2	2.3	1.6	3.45
26	1.6	1.6	1.4	1.2	1.0	0.6	0.4	0.6	0.8	2.0	3.5	5.0	5.5	7.7	7.5	7.3	5.3	2.8	1.3	0.5	0.2	-0.8	-1.0	-1.4	2.28
27	-0.8	-1.1	-1.3	-1.4	-1.5	-1.9	-1.6	-0.6	1.8	4.4	4.4	5.9	6.4	7.4	7.8	7.7	6.8	4.9	3.6	3.6	3.9	3.7	3.6	3.6	2.89
28	2.6	1.9	2.6	3.1	4.7	4.8	5.4	5.3	5.4	5.7	6.2	7.0	6.8	7.5	7.6	6.4	5.6	4.8	4.0	3.8	3.6	4.1	3.5	1.6	4.75
M.	-0.72	-1.00	-1.22	-1.23	-1.31	-1.40	-1.48	-1.06	-0.18	1.16	2.36	3.39	4.00	4.77	4.86	4.30	3.22	1.99	1.45	1.03	0.66	0.31	-0.01	-0.36	0.98

*) h_t = Höhe des Thermographen über dem Erdboden.

März 1918 — Stündliche Lufttemperaturen — $h_1 = 1.8^m$. — Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	0.8	0.6	0.5	0.4	0.2	0.4	0.4	0.5	1.2	1.0	1.6	1.8	2.2	2.9	2.8	0.0	−0.7	−0.9	−1.3	−1.3	−1.2	−1.2	−1.0	−1.0	0.36
2	−0.9	−0.8	−0.9	−0.9	−0.8	−0.8	−0.5	0.1	1.6	3.3	4.4	4.9	5.0	3.4	2.6	2.1	1.5	1.1	0.8	0.7	0.7	0.6	0.5	0.5	1.18
3	0.7	0.6	0.6	0.9	0.7	1.0	1.0	1.0	1.4	2.2	2.5	5.2	5.0	3.6	5.2	4.0	2.9	2.1	2.0	1.4	1.5	0.5	0.4	0.3	1.95
4	0.3	0.3	0.2	0.3	0.3	0.4	0.6	0.4	1.4	2.0	3.2	3.1	4.0	3.3	3.4	3.3	2.4	1.2	0.4	0.6	0.1	−0.2	−0.1	0.0	1.29
5	−0.6	−1.1	−1.3	−1.7	−2.2	−2.7	−2.9	−1.6	−1.2	1.2	4.0	3.8	4.9	7.8	9.4	9.0	8.8	4.8	3.4	2.5	2.4	2.1	1.8	1.4	2.17
6	0.8	0.5	0.2	0.1	−0.6	−0.8	−1.2	−0.3	0.8	2.6	5.4	6.4	8.4	10.5	9.9	9.2	8.1	6.1	4.1	3.3	3.5	1.8	1.2	0.8	3.37
7	0.4	0.1	0.2	0.6	0.8	0.9	1.1	1.3	1.5	1.8	3.9	3.0	3.6	2.7	2.9	3.0	2.8	2.8	2.7	2.7	2.6	2.5	2.3	2.3	2.02
8	2.2	2.2	2.0	1.7	1.5	1.4	1.6	2.0	3.0	4.0	5.5	7.6	9.1	9.2	8.9	9.9	7.6	5.1	4.4	2.9	2.9	1.4	1.0	0.5	4.07
9	0.1	−0.4	−0.5	−1.0	−1.3	−2.2	−2.4	−1.6	−0.7	1.1	4.9	9.1	10.1	13.0	12.4	13.0	11.4	7.5	6.1	6.3	3.5	2.9	2.4	1.6	3.97
10	1.0	0.4	0.0	−0.5	−0.7	−1.2	−1.1	0.2	3.1	6.9	10.0	11.9	13.0	13.7	14.3	13.6	12.1	8.4	6.0	5.4	4.2	3.0	2.2	2.1	5.83
11	1.2	0.4	0.3	−0.1	−0.6	−1.0	−0.8	0.8	3.3	6.7	9.3	11.4	11.4	13.4	13.1	12.7	11.4	8.2	6.6	5.0	4.1	3.4	1.9	1.5	5.15
12	0.9	0.7	0.1	0.0	−0.5	−0.7	−1.0	0.8	3.2	7.8	10.2	12.0	13.3	13.8	13.4	13.2	11.9	9.5	7.1	5.9	4.5	3.5	2.5	2.5	5.63
13	1.7	0.8	0.9	0.4	−0.2	−0.7	−0.8	1.3	5.2	9.3	11.2	11.3	13.5	14.4	14.0	13.8	12.2	9.0	7.2	6.0	5.6	4.7	5.2	4.4	6.27
14	3.5	2.8	2.4	2.0	2.0	3.0	3.2	3.8	6.1	8.1	9.7	11.7	11.4	10.0	9.1	8.2	7.0	5.7	3.7	2.5	1.6	0.7	−0.1	−0.6	4.50
15	−0.7	−1.2	−1.2	−1.2	−1.1	−1.0	−1.0	−0.9	−1.0	−1.1	−0.8	−1.0	0.0	0.6	1.8	2.0	1.3	−0.8	−1.9	−2.3	−1.6	−1.2	−1.4	−2.7	−0.77
16	−2.4	−3.0	−3.5	−4.4	−4.6	−5.6	−5.6	−2.8	−1.4	3.8	5.9	6.2	8.1	10.1	11.9	12.5	12.1	7.5	5.3	4.4	3.6	2.9	2.0	1.7	2.70
17	1.5	1.0	0.2	−0.3	−0.8	−1.0	−0.8	0.8	4.2	8.4	10.2	11.8	13.2	15.8	15.9	14.8	14.6	10.7	8.5	6.9	5.6	4.9	3.7	3.0	6.37
18	2.0	1.9	1.7	0.6	0.2	−0.5	−0.2	2.2	6.0	9.9	12.6	14.6	10.6	10.1	10.8	10.7	15.8	11.1	8.4	7.6	5.2	6.2	5.1	3.3	7.50
19	3.6	3.9	3.4	2.0	1.5	1.0	2.0	3.9	6.2	8.7	11.4	14.8	16.4	16.1	14.5	14.5	13.6	12.3	11.9	11.2	10.6	9.9	9.7	7.4	8.77
20	6.7	6.6	6.4	6.2	6.2	6.1	6.0	6.5	7.4	9.4	9.1	10.6	9.2	8.6	8.7	7.9	7.2	6.3	6.2	6.1	6.0	6.0	5.9	5.7	7.12
21	4.6	4.6	4.5	4.2	4.0	4.4	4.6	5.6	7.2	10.2	8.8	10.5	13.0	12.2	12.7	12.1	10.9	9.4	7.8	6.1	5.4	4.6	4.1	3.4	7.29
22	3.1	2.9	2.3	1.7	1.1	0.7	1.4	3.0	4.9	6.8	7.9	8.7	10.2	9.6	9.4	9.2	8.8	8.0	7.5	6.9	6.6	5.9	5.8	5.4	5.74
23	4.0	2.9	2.7	2.3	2.9	3.1	4.1	5.5	6.6	10.2	11.5	13.0	12.6	15.2	16.0	14.9	13.4	11.1	10.5	9.6	8.3	7.3	6.6	6.0	8.55
24	5.9	6.8	4.8	5.2	4.1	3.5	4.4	6.9	10.4	12.7	15.9	17.0	16.6	19.4	20.1	19.1	18.6	15.0	12.8	11.8	9.5	8.5	8.4	7.6	11.04
25	6.1	5.7	5.1	4.8	4.4	4.1	5.3	7.4	11.0	14.2	15.9	16.2	17.9	18.1	18.2	16.8	16.0	14.1	11.9	9.8	9.0	7.9	6.4	5.4	10.52
26	4.7	4.0	3.6	3.3	3.1	2.6	2.0	0.4	0.7	1.6	0.8	1.8	3.8	4.8	3.4	2.9	2.0	1.5	0.1	−0.1	−0.6	−1.2	−1.9	−2.6	1.70
27	−2.8	−3.3	−3.4	−3.9	−4.8	−5.2	−4.8	−2.6	−0.4	2.6	4.0	2.6	4.9	5.4	5.9	5.5	5.0	2.6	1.5	1.4	1.3	0.2	0.2	−0.4	0.48
28	−0.2	−0.7	−0.6	−0.7	−0.7	−0.6	−0.2	1.4	3.3	7.1	8.8	10.0	11.2	12.7	12.9	12.2	10.9	8.6	5.7	5.2	4.1	4.3	4.0	5.0	5.15
29	8.0	7.6	5.0	4.4	7.0	5.7	5.0	6.3	8.6	9.0	9.2	10.9	10.2	11.4	11.2	9.5	9.3	8.8	7.9	7.7	6.0	5.5	4.3	4.3	7.62
30	4.6	4.8	5.0	4.4	4.1	4.4	4.6	4.8	6.7	8.8	9.4	12.3	11.6	13.0	11.1	10.6	10.0	7.4	5.8	5.5	5.4	5.9	6.2	7.0	7.20
31	7.9	8.1	8.3	8.7	5.0	4.1	5.0	6.7	8.8	10.7	10.9	11.0	10.2	9.0	9.7	10.3	9.1	8.7	7.6	7.7	7.6	7.3	6.8	6.1	8.14
M.	2.22	1.98	1.58	1.27	0.97	0.74	0.93	2.04	3.84	6.16	7.66	8.85	9.70	10.32	10.37	9.89	8.99	6.87	5.51	4.82	4.18	3.57	3.10	2.64	4.92

April 1918. — Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	5.7	5.0	4.7	4.4	4.3	3.7	5.8	5.7	6.8	8.7	9.4	9.9	10.3	10.7	10.7	10.6	10.2	9.3	7.8	7.3	6.8	7.1	7.4	8.5	7.53
2	8.0	7.0	6.8	6.4	4.4	4.2	5.4	6.4	5.9	6.3	7.7	8.2	8.8	8.5	9.4	10.9	10.5	8.5	6.6	6.2	5.3	4.6	4.6	4.0	6.86
3	3.1	3.0	2.3	1.7	1.0	0.8	1.4	3.5	7.7	10.2	12.8	14.7	14.5	15.0	14.4	13.4	12.3	11.2	10.0	9.0	8.2	7.5	6.3	5.8	7.91
4	5.2	4.6	4.4	4.0	3.1	3.0	3.5	6.9	10.8	15.2	18.1	18.4	19.5	18.9	18.7	17.2	17.0	14.8	12.8	12.3	11.0	10.1	9.4	9.0	11.16
5	8.0	6.8	6.9	5.9	5.6	5.4	6.8	9.7	11.9	14.1	14.7	17.1	15.4	16.3	14.9	14.7	14.7	12.1	11.0	10.3	9.7	9.5	9.0	8.2	10.78
6	7.7	7.6	7.8	7.9	7.9	7.9	8.3	8.6	9.0	9.0	9.7	9.7	10.2	13.6	12.5	13.0	11.8	11.4	9.9	9.1	9.2	9.4	8.9	9.0	9.55
7	7.8	7.0	6.9	6.9	7.0	7.2	7.4	7.6	7.6	8.2	10.1	9.3	12.4	12.7	12.6	14.1	12.2	10.6	7.5	6.7	6.5	5.6	5.7	5.6	8.55
8	5.3	5.1	4.9	4.9	4.9	4.9	5.3	5.6	6.0	6.0	6.6	6.7	7.3	8.1	8.4	8.1	7.9	7.2	5.9	5.9	5.6	5.6	5.5	5.4	6.13
9	5.3	5.3	4.7	4.1	4.9	5.2	5.8	7.0	7.6	9.8	11.4	14.9	15.0	15.6	16.7	15.6	13.6	10.6	9.4	8.5	8.0	7.3	6.8	7.3	9.18
10	7.3	7.0	6.8	6.2	6.8	6.5	7.1	8.4	8.8	9.2	11.3	11.8	13.2	13.5	14.7	12.3	10.3	8.7	8.4	7.6	7.3	7.4	7.4	7.3	8.97
11	7.9	7.9	7.2	5.9	5.3	5.5	6.2	8.4	11.2	14.6	16.4	17.4	18.0	19.1	18.7	17.6	18.2	14.3	12.7	12.2	11.0	10.1	10.2	9.1	11.88
12	8.5	8.6	8.1	7.5	6.3	6.9	8.0	9.2	11.4	13.2	16.0	16.8	18.2	19.8	19.5	18.8	17.5	15.8	13.6	13.2	11.6	10.6	9.9	9.5	12.44
13	9.2	9.3	9.1	9.0	8.5	9.0	9.7	10.9	12.5	14.8	17.6	19.3	20.2	20.9	20.2	20.0	19.2	18.5	15.2	13.1	13.0	11.4	10.5	9.9	13.79
14	9.9	10.3	9.7	9.8	9.7	9.5	9.7	12.1	12.9	14.4	16.2	17.4	20.0	22.8	22.3	23.3	21.3	19.0	15.3	14.7	13.5	14.0	12.4	11.1	14.64
15	10.1	9.3	9.3	8.9	10.3	10.6	10.9	11.0	11.2	11.3	12.2	12.8	13.4	13.1	12.7	11.8	10.4	9.0	8.6	8.3	8.4	7.9	7.3	7.1	10.25
16	6.9	6.4	6.1	5.9	5.8	5.6	6.0	6.7	7.4	8.1	8.3	7.3	7.6	7.9	8.6	8.5	7.7	7.1	6.8	6.3	6.0	5.8	5.5	5.4	6.82
17	5.1	5.0	4.9	4.9	5.0	5.3	5.8	6.1	7.0	8.2	9.1	9.3	10.3	11.4	11.1	10.8	10.6	10.1	9.7	9.7	9.2	9.0	8.8	8.1	8.10
18	8.4	7.8	7.6	7.7	7.7	7.9	8.6	9.5	10.1	11.6	12.4	13.0	13.0	12.5	12.2	12.5	12.6	11.9	10.6	10.3	10.5	8.8	7.8	7.2	10.09
19	6.8	6.7	5.2	3.1	1.1	0.6	0.4	0.6	0.8	1.7	2.5	2.3	2.4	2.6	2.4	2.4	2.2	2.1	1.9	1.5	1.0	1.1	1.1	1.1	2.25
20	1.1	1.0	0.9	0.9	0.9	0.9	1.4	1.4	1.9	2.9	3.5	3.9	4.6	5.2	5.1	5.3	5.2	4.5	3.6	3.6	3.4	3.2	2.9	2.6	2.91
21	2.6	2.5	2.5	2.6	2.6	1.9	1.3	1.2	1.9	2.4	2.4	2.6	2.6	2.6	2.7	1.9	1.7	1.5	0.7	0.5	0.6	0.8	0.9	1.0	1.88
22	1.2	1.3	1.4	1.3	1.1	1.0	2.1	2.7	3.8	4.7	4.8	5.5	5.2	5.5	7.5	8.1	6.9	5.8	5.1	4.4	3.0	2.9	2.9	3.0	3.80
23	3.2	2.9	2.7	2.7	2.7	2.9	3.0	4.1	4.0	4.4	6.7	7.5	8.5	7.5	7.1	7.3	7.0	6.6	6.1	5.5	4.6	4.4	4.1	3.9	4.98
24	3.8	3.9	3.9	4.1	4.2	4.5	6.0	7.5	7.6	7.8	10.5	10.2	10.2	10.8	12.2	11.0	11.1	9.6	7.1	5.6	4.3	4.2	3.3	3.2	6.94
25	3.2	3.1	2.7	2.2	1.8	2.2	3.1	6.5	10.2	13.3	14.0	15.3	16.3	14.8	16.0	17.3	14.4	12.5	9.5	8.3	7.8	7.7	5.7	5.3	8.88
26	4.8	4.7	3.7	3.4	2.8	3.7	5.7	7.8	12.3	15.3	17.0	17.2	17.6	18.2	19.3	19.2	18.2	16.5	12.4	10.2	8.7	8.5	7.5	6.9	10.90
27	5.8	5.4	5.6	5.5	4.8	4.8	7.8	9.6	11.2	11.4	16.8	14.8	15.0	16.1	14.5	16.4	13.8	12.6	12.0	9.8	9.4	9.1	9.0	8.7	10.41
28	8.5	8.4	8.1	8.1	7.9	7.8	8.2	8.4	9.0	9.2	10.4	11.6	12.3	10.8	11.2	11.4	12.3	11.6	9.9	9.4	9.2	9.1	9.1	9.1	9.62
29	9.0	9.1	9.0	8.8	8.8	9.1	9.8	10.8	11.8	12.3	13.0	14.5	16.4	16.1	15.6	16.2	16.6	14.4	13.0	12.2	11.6	9.9	10.0	9.8	11.99
30	9.4	9.3	9.7	9.8	9.7	10.1	10.2	10.3	10.4	10.2	10.3	11.0	12.2	12.1	12.2	14.2	12.4	11.3	10.0	9.6	9.0	8.4	8.4	8.3	10.35
M.	6.29	6.04	5.79	5.48	5.23	5.29	6.02	7.14	8.36	9.62	11.06	11.68	12.35	12.76	12.80	12.80	11.99	10.64	9.10	8.38	7.78	7.37	6.94	6.68	8.65

Mai 1918. **Stündliche Lufttemperaturen** $h_t = 1.8^m$. **Zürich.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	7.7	7.3	7.2	7.2	7.2	7.3	7.5	7.7	8.6	8.5	9.0	9.6	9.6	10.1	9.8	9.6	9.5	9.4	9.1	9.0	9.0	8.8	8.4	8.2	8.55
2	7.3	7.3	6.4	6.7	6.4	7.0	8.0	9.2	12.2	12.1	14.4	15.0	16.0	16.5	17.5	16.7	16.2	15.1	12.9	11.9	11.4	9.7	8.5	7.6	11.33
3	7.1	6.5	5.9	5.7	5.5	5.8	7.4	9.8	13.4	17.0	18.6	20.1	20.6	21.6	22.1	22.0	20.6	18.7	16.2	13.8	12.2	10.8	10.4	9.9	13.40
4	8.8	8.6	8.4	7.8	7.7	8.7	11.0	12.6	14.8	18.7	17.9	22.1	21.4	22.2	22.8	22.2	22.8	20.0	17.7	17.0	14.6	14.1	12.8	13.2	15.33
5	12.7	12.3	11.7	11.2	11.0	12.3	13.4	13.4	14.4	18.2	19.7	20.5	20.9	19.9	19.4	19.2	18.5	17.6	14.8	13.5	13.0	12.7	12.1	11.8	15.18
6	11.3	11.1	10.0	9.2	9.1	10.3	12.4	13.0	15.5	18.7	19.1	20.1	20.2	19.5	19.8	20.2	18.3	18.9	18.4	18.3	17.9	18.2	18.8	18.2	16.08
7	17.7	17.8	16.6	14.8	13.6	13.1	13.5	15.6	17.0	20.5	20.9	21.6	20.9	20.3	21.6	20.7	18.3	16.8	14.8	12.5	11.8	11.7	11.0	10.8	16.41
8	10.7	10.4	10.2	10.3	10.4	10.7	11.3	11.6	11.9	13.9	13.9	15.8	15.0	15.3	16.1	15.2	14.5	13.1	12.4	11.4	11.0	11.1	10.9	10.5	12.40
9	10.8	10.5	10.0	9.2	9.8	10.3	11.1	12.4	14.7	14.8	17.5	19.2	17.9	18.5	17.6	17.2	16.2	15.5	15.2	12.2	11.2	11.1	10.7	10.0	13.48
10	10.0	9.3	9.4	10.0	9.9	10.3	11.2	12.5	16.0	18.0	19.1	19.5	19.6	19.8	23.2	21.3	18.4	19.4	16.0	13.7	12.8	12.0	10.6	10.1	14.67
11	9.5	9.2	8.6	8.2	8.2	9.1	10.9	13.3	17.3	19.9	21.7	22.2	22.1	24.3	23.8	20.6	16.9	16.0	15.2	13.8	13.6	13.4	13.2	11.7	15.11
12	10.9	10.6	10.4	10.4	10.5	10.4	11.0	11.8	11.7	11.7	12.5	12.5	15.2	15.0	13.3	13.7	14.0	13.3	11.8	11.8	10.0	8.9	9.1	9.2	11.65
13	8.9	9.1	9.3	9.8	9.7	9.8	10.4	11.9	13.2	16.4	17.1	18.7	17.7	19.5	19.0	17.0	16.4	16.1	14.8	12.7	12.2	11.7	11.7	11.1	13.51
14	11.5	11.2	11.3	11.1	11.1	11.8	10.8	10.2	10.5	9.6	9.5	9.6	9.6	9.9	11.8	11.0	11.7	10.8	9.9	9.6	9.1	9.1	9.3	9.1	10.38
15	8.8	8.6	8.6	8.7	8.7	9.1	10.0	10.4	10.6	11.6	12.2	13.9	15.1	16.8	17.0	15.1	15.4	14.5	13.2	12.6	12.1	11.5	10.3	9.5	11.85
16	9.8	8.7	9.2	9.8	10.1	10.5	10.6	10.9	12.1	12.3	13.1	15.2	17.8	19.9	20.7	19.3	19.9	18.3	15.7	13.4	12.3	11.4	10.6	10.3	13.41
17	10.2	9.6	9.3	9.3	8.5	9.1	10.4	13.2	17.7	20.8	22.5	23.6	24.9	25.6	26.3	24.8	24.7	22.6	20.8	17.9	15.7	15.0	14.1	13.3	17.08
18	12.9	11.8	11.2	10.8	10.6	12.4	13.5	16.5	18.8	22.4	23.5	25.4	24.9	22.6	26.2	26.1	23.7	21.1	18.8	16.6	15.4	14.4	13.6	12.4	17.73
19	12.0	11.4	11.2	10.6	10.5	11.6	13.8	15.4	20.2	22.0	24.2	24.7	26.4	26.7	27.2	25.4	21.7	20.8	19.0	16.4	16.2	15.5	14.2	13.4	17.92
20	12.9	12.1	11.2	11.0	10.6	11.5	13.1	15.7	18.7	22.7	22.4	24.7	26.6	26.2	26.4	26.2	25.7	23.7	21.0	18.5	16.2	15.0	14.1	13.2	18.31
21	12.7	12.1	12.0	11.1	11.1	12.3	13.8	16.2	19.7	21.7	23.8	24.6	26.3	25.8	27.9	24.7	23.6	22.5	19.4	16.9	16.2	15.3	15.8	15.5	18.37
22	15.5	15.6	16.0	14.2	13.8	14.5	16.2	18.2	21.0	23.0	25.8	26.0	25.7	27.3	27.5	27.0	26.5	24.0	20.7	18.4	17.0	16.2	15.1	14.7	20.00
23	14.7	13.7	13.6	13.1	14.2	15.3	16.4	18.2	22.0	23.6	24.8	26.9	25.2	27.3	27.1	26.2	24.6	22.3	21.1	18.2	18.6	18.2	16.9	16.2	19.93
24	16.4	16.1	15.7	14.9	14.7	14.9	15.4	16.2	15.5	16.4	16.4	20.6	19.9	20.6	21.7	20.2	20.0	17.4	16.1	15.0	13.0	10.7	11.7	11.9	16.31
25	11.7	10.9	10.7	10.5	10.6	10.9	11.6	12.0	14.6	16.6	18.6	16.2	17.6	20.9	20.8	20.6	19.7	17.1	16.5	15.0	13.2	12.2	12.8	12.7	14.75
26	12.1	11.8	10.2	10.2	10.6	11.0	12.8	14.5	17.0	19.2	20.3	12.9	13.7	15.2	17.5	17.3	16.3	15.4	14.3	13.5	13.4	12.7	12.5	12.0	14.02
27	11.2	11.1	10.6	9.7	9.9	10.5	11.0	13.0	15.4	17.4	18.0	19.0	19.0	18.5	18.0	17.0	16.6	15.2	13.3	11.7	11.4	11.1	8.8	8.8	13.59
28	8.4	7.8	7.0	5.9	6.7	6.9	8.5	10.0	13.2	15.8	14.3	15.0	15.1	17.0	16.0	15.6	15.2	14.8	12.6	11.0	11.4	8.9	9.0	8.8	11.45
29	7.8	6.8	5.9	5.6	5.7	7.8	9.7	11.0	13.6	16.4	16.7	18.5	17.1	16.0	17.5	16.2	15.9	15.2	13.9	13.0	12.4	9.8	8.9	9.8	12.11
30	8.5	7.9	7.2	6.8	7.0	7.5	10.6	12.7	15.6	17.7	20.3	20.7	21.0	21.2	21.7	21.4	20.0	18.2	16.6	14.6	13.6	12.6	11.6	9.6	14.36
31	10.5	9.0	8.3	8.5	9.2	10.6	12.0	13.8	17.4	20.0	22.0	21.7	23.2	21.7	22.9	21.9	21.4	19.4	17.3	14.5	12.6	12.0	11.6	11.0	15.52
M.	11.00	10.51	10.11	9.75	9.76	10.43	11.57	13.00	15.30	17.34	18.38	19.23	19.56	20.05	20.65	19.73	18.81	17.52	15.79	14.14	13.24	12.44	11.89	11.44	14.65

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Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	10.7	11.0	11.8	9.1	10.5	10.7	12.5	14.4	17.3	18.6	20.0	21.8	22.0	22.5	22.0	22.7	21.6	19.5	16.9	15.3	14.0	12.8	11.9	11.0	15.86
2	10.1	9.2	8.0	7.5	7.5	8.6	11.6	13.4	16.6	17.4	17.0	19.7	20.6	20.1	21.2	22.0	21.5	18.4	16.3	14.1	13.8	13.1	12.7	10.6	14.68
3	10.0	8.8	8.1	7.8	7.9	8.6	10.6	13.1	16.5	18.5	20.5	21.7	22.3	22.8	22.5	22.1	21.6	19.1	17.6	15.4	14.5	12.6	12.0	12.2	15.28
4	10.6	10.0	10.0	9.9	10.8	11.4	11.8	13.4	14.2	18.0	16.8	17.7	17.0	17.9	16.8	16.4	15.0	12.6	11.3	10.4	10.6	9.9	9.4	9.3	12.97
5	9.1	8.1	7.9	7.3	7.0	7.4	7.8	8.5	12.3	14.6	15.2	16.6	13.6	13.8	13.0	14.6	13.2	12.3	11.6	10.0	8.2	7.7	6.7	6.3	10.53
6	5.8	4.6	4.3	5.6	5.0	6.7	8.7	10.2	12.8	16.0	18.1	18.8	19.8	19.1	18.8	17.6	19.0	16.5	15.2	12.8	12.5	11.5	11.0	9.4	12.49
7	9.3	8.7	8.0	6.6	6.6	8.0	10.6	13.8	16.6	18.6	19.8	21.0	22.2	23.2	22.0	21.6	21.4	19.0	16.7	15.4	14.0	12.1	11.6	10.5	14.87
8	9.7	9.3	8.7	8.0	7.9	9.0	11.6	14.0	18.7	21.1	23.1	24.2	23.0	23.7	24.0	24.2	23.8	21.3	20.4	17.4	17.3	15.8	15.4	13.8	16.87
9	12.5	11.1	10.8	10.3	10.8	11.8	14.0	15.7	19.6	21.0	23.4	24.2	24.6	25.2	26.9	25.8	24.4	23.0	20.4	17.9	16.6	15.5	14.8	15.3	18.15
10	15.2	15.2	14.7	15.3	15.3	15.8	16.5	14.0	13.2	13.4	13.0	12.8	12.6	10.8	10.5	10.0	9.7	9.5	9.3	9.3	9.6	9.4	9.8	9.4	12.24
11	9.5	9.5	9.4	9.2	8.8	9.4	10.5	10.7	11.4	12.0	14.0	15.8	16.0	17.8	18.2	20.0	19.5	17.0	15.9	15.0	14.8	14.7	14.3	13.5	13.62
12	12.4	13.7	13.6	14.2	14.0	14.8	14.8	14.8	14.2	15.4	16.5	17.5	15.8	15.0	14.6	13.8	13.6	13.2	12.8	12.5	12.4	12.5	12.5	12.4	14.04
13	12.3	11.4	11.2	9.9	10.3	10.4	12.0	13.4	16.6	18.8	19.8	21.8	21.9	23.3	23.0	22.7	22.0	20.1	18.4	15.5	13.8	12.8	12.2	11.4	16.04
14	10.8	10.2	10.0	10.2	10.5	11.9	13.4	15.8	19.3	21.8	23.7	24.2	25.7	26.6	26.9	26.4	25.5	23.2	21.6	19.7	16.7	15.8	15.3	14.9	18.34
15	14.5	14.6	13.7	13.0	13.9	15.1	17.0	17.3	20.4	23.1	22.2	15.4	17.8	16.6	15.8	17.6	16.2	15.2	13.9	14.0	13.8	13.6	12.9	12.6	15.84
16	12.2	12.1	11.9	11.5	11.4	11.2	11.4	11.3	10.0	10.6	10.8	11.2	11.6	11.5	11.3	11.6	11.6	11.5	11.5	10.6	10.6	10.6	10.3	9.8	11.17
17	9.9	9.5	9.6	9.7	10.0	10.4	10.7	11.7	12.0	12.7	12.9	12.6	12.8	12.1	12.2	12.2	11.8	11.6	10.5	10.2	9.8	8.9	8.6	8.6	10.87
18	8.5	8.7	8.6	8.0	8.1	8.0	7.6	8.0	8.3	8.8	10.0	10.3	9.7	11.2	11.6	12.1	14.0	12.0	11.1	8.9	7.9	7.4	7.0	6.6	9.27
19	5.9	6.0	5.0	5.2	5.6	6.7	7.6	9.7	13.8	16.5	19.2	20.4	19.9	19.1	21.1	17.8	18.1	16.0	15.2	14.3	13.8	12.0	11.7	11.5	12.98
20	11.4	11.1	11.2	11.3	11.7	12.0	12.6	12.9	13.1	14.9	13.6	13.0	11.0	13.5	14.5	14.8	14.2	13.7	12.8	12.6	12.2	11.8	12.1	12.1	12.65
21	12.0	11.9	11.2	10.9	10.4	10.3	10.6	10.8	11.1	11.5	11.6	12.1	12.4	12.5	13.0	14.2	13.2	13.4	13.3	12.8	12.7	12.6	12.6	12.7	12.08
22	12.0	11.7	11.9	12.3	12.9	13.0	13.2	13.2	13.5	13.8	14.1	14.4	16.6	15.4	20.2	19.4	18.4	17.5	17.0	15.3	14.1	14.2	13.2	12.6	14.58
23	12.3	11.7	11.5	10.5	10.7	10.7	11.2	12.6	13.5	12.4	11.2	13.4	11.5	14.4	15.6	9.6	10.7	10.1	9.9	9.1	8.9	8.2	8.1	7.8	11.07
24	7.6	7.8	6.9	6.2	6.9	7.9	8.8	10.7	13.9	15.4	17.0	16.9	16.4	15.9	15.4	16.1	14.2	13.3	12.4	11.7	12.4	12.8	13.4	10.8	12.12
25	10.0	9.9	9.6	9.6	9.3	10.2	11.4	12.1	14.2	14.1	14.1	15.5	17.2	19.4	17.9	19.3	19.0	16.9	15.4	12.8	11.3	10.8	10.6	10.6	13.38
26	10.3	10.0	9.3	9.1	9.3	10.1	13.2	15.5	17.3	18.5	17.5	17.5	17.1	16.6	19.7	17.8	15.8	15.9	14.7	14.2	13.6	12.8	12.3	11.6	14.15
27	10.7	9.8	9.4	9.2	9.3	9.1	10.4	8.9	8.4	9.2	10.2	11.5	11.6	13.2	13.0	13.9	15.1	12.5	11.9	10.0	9.4	8.6	8.5	8.2	10.50
28	7.5	6.9	6.8	6.3	5.6	6.5	8.0	10.8	15.1	17.8	19.6	18.3	19.6	20.3	19.7	20.3	20.2	18.5	15.8	13.5	12.4	11.8	11.5	11.4	13.51
29	11.2	11.0	10.5	10.8	11.8	12.2	11.6	14.8	15.9	15.2	14.0	15.9	18.9	21.1	21.8	18.8	19.3	16.7	15.7	14.7	14.2	12.4	11.5	11.0	14.62
30	10.7	10.8	10.3	10.3	10.6	11.7	12.8	14.3	16.2	18.5	18.7	20.6	21.0	20.0	20.6	20.2	20.7	17.8	16.0	14.2	12.8	11.6	11.9	11.0	15.14
M.	10.49	10.14	9.80	9.49	9.68	10.32	11.48	12.64	14.52	15.94	16.59	17.23	17.41	17.82	18.13	17.84	17.46	15.91	14.72	13.32	12.62	11.88	11.51	10.96	13.66

Juli 1918. **Stündliche Lufttemperaturen** $h_t = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	9.9	9.6	9.3	9.2	9.0	9.2	10.9	12.7	15.4	16.3	19.1	20.8	21.2	22.3	21.9	21.4	20.9	18.5	18.1	15.2	13.7	13.6	13.1	12.1	15.14
2	9.9	9.5	8.9	8.3	8.5	8.8	11.8	13.2	16.1	19.1	18.7	20.8	18.9	22.1	23.4	21.4	18.9	13.4	13.8	12.5	11.4	10.9	10.9	10.4	14.23
3	10.9	11.2	11.6	11.4	11.3	12.9	14.6	15.4	17.8	18.7	18.6	19.0	19.7	18.4	15.9	14.5	13.9	13.2	12.5	11.9	11.6	11.7	11.7	11.6	14.17
4	11.7	11.4	10.9	10.9	11.0	11.2	11.8	11.8	13.1	14.4	15.1	14.5	14.2	13.4	13.4	12.2	11.8	11.8	11.9	12.0	12.0	12.0	11.9	11.9	12.85
5	11.8	11.8	11.8	11.7	11.7	11.8	12.0	12.9	13.9	16.0	16.8	16.6	18.3	20.1	20.7	21.0	20.9	18.0	16.7	14.0	13.0	12.5	11.4	10.6	14.83
6	10.1	9.6	9.6	9.2	9.4	10.8	12.1	13.2	14.2	15.6	17.9	16.4	16.0	15.9	17.5	17.7	17.9	16.8	16.1	14.6	14.2	13.8	13.6	13.0	13.97
7	13.3	11.7	10.9	10.6	10.8	11.6	13.6	15.6	18.9	20.6	21.6	22.9	23.2	24.0	23.7	24.1	23.9	21.4	19.7	16.8	15.0	15.8	14.6	13.7	17.40
8	12.5	12.1	11.5	11.1	11.1	12.0	13.8	16.0	19.3	22.6	24.0	25.5	26.4	27.6	27.8	28.2	26.9	25.0	22.0	19.0	17.8	16.9	16.6	16.8	19.27
9	17.0	16.6	15.9	15.4	16.8	18.6	20.8	21.3	21.1	24.5	24.8	22.0	23.5	23.1	21.8	18.0	16.0	15.9	15.6	15.6	15.7	15.9	15.7	15.4	18.63
10	15.0	15.2	15.2	14.9	15.2	15.7	16.5	16.9	15.0	15.3	16.3	16.6	16.3	17.9	17.3	16.8	16.6	16.2	15.7	14.9	14.5	14.8	14.3	14.2	15.72
11	13.6	13.4	13.2	13.0	13.1	13.2	13.2	14.4	15.7	17.2	20.0	21.3	19.2	21.7	20.5	21.3	20.8	18.6	16.7	15.4	16.0	14.9	13.0	13.6	16.37
12	14.0	12.9	12.6	13.0	12.6	12.9	14.5	16.4	19.4	21.5	23.2	23.8	24.0	24.4	24.8	25.2	23.5	20.8	19.5	17.4	15.8	14.6	14.5	14.1	18.14
13	14.7	14.3	14.9	15.0	15.6	15.6	16.1	16.9	19.8	21.2	22.3	18.5	21.6	20.5	22.8	22.9	23.3	19.9	18.3	17.4	16.4	15.6	15.4	14.6	18.07
14	13.7	13.6	12.9	12.7	12.9	13.2	16.0	16.8	19.5	23.0	21.9	20.7	19.4	18.6	18.8	20.2	20.4	19.8	19.3	19.1	19.0	18.2	17.3	17.1	17.67
15	16.9	17.3	17.0	16.8	16.8	17.4	18.3	18.8	22.8	24.7	26.1	27.1	27.3	28.1	29.4	28.3	26.6	25.0	22.4	20.0	19.4	18.8	18.5	17.7	21.73
16	17.0	16.5	15.9	15.6	15.7	17.5	19.1	20.2	24.0	27.6	28.7	30.0	30.7	31.2	31.3	31.4	30.7	28.2	24.9	22.1	20.6	20.1	19.8	19.2	23.25
17	18.0	17.1	16.6	16.3	16.5	16.7	19.2	20.8	24.6	28.3	30.9	32.5	33.3	34.5	35.0	34.5	33.2	29.6	27.1	25.5	24.1	23.6	22.9	22.4	25.13
18	23.0	22.8	22.8	20.5	19.6	19.9	22.2	24.2	25.2	23.8	25.0	26.2	27.3	27.6	28.0	27.5	23.9	22.1	21.4	20.0	20.1	19.3	19.0	18.6	22.92
19	18.2	18.1	17.1	17.0	16.6	17.6	18.2	19.0	21.2	22.4	25.6	26.3	24.6	26.1	27.2	27.5	26.3	24.3	22.0	19.4	18.4	17.4	16.8	16.1	20.98
20	15.5	15.1	14.9	14.7	14.2	14.8	16.7	18.6	21.7	25.5	27.3	29.2	30.6	31.2	31.0	31.2	31.0	28.4	25.4	27.2	26.6	25.5	23.9	22.9	33.46
21	21.4	20.9	20.0	19.1	16.6	16.4	18.2	18.5	19.7	21.4	23.2	23.5	24.5	24.5	24.1	23.9	20.7	20.0	18.7	18.0	17.8	17.2	16.7	15.6	20.02
22	13.9	13.7	13.0	13.5	13.7	13.9	16.4	17.0	19.2	21.5	22.7	21.7	22.5	22.6	23.3	23.9	23.8	22.4	20.1	16.9	16.4	15.0	15.1	15.0	18.22
23	14.9	14.8	14.7	14.2	14.8	15.2	15.4	16.7	17.6	18.2	19.8	20.0	17.6	15.9	18.2	19.9	18.4	18.4	19.9	20.0	20.8	18.7	17.8	17.7	17.48
24	17.7	17.4	16.8	16.4	15.0	16.6	17.6	18.5	19.6	21.7	23.6	24.1	23.4	22.8	25.4	24.3	22.3	20.4	19.9	18.2	17.6	17.2	16.9	16.4	19.58
25	15.9	14.4	14.5	14.2	14.1	15.2	15.9	18.2	19.6	21.1	20.2	22.6	22.4	22.8	21.4	23.9	22.9	20.5	18.8	18.3	17.6	16.6	16.7	16.3	18.50
26	15.7	14.7	13.4	14.2	13.6	15.1	15.4	16.1	17.9	19.4	20.6	21.1	20.1	21.2	21.8	22.0	21.8	19.6	17.7	15.8	14.0	13.9	13.7	14.6	17.23
27	13.5	12.6	13.0	12.7	12.8	12.6	12.9	13.9	15.0	15.4	16.0	19.0	13.8	18.0	19.4	18.6	16.7	15.4	13.4	13.7	13.6	12.5	12.6	11.5	14.52
28	11.8	11.8	11.0	10.6	10.5	10.6	11.0	11.0	11.8	11.6	12.6	12.1	11.7	11.8	12.2	12.1	12.1	12.1	11.9	11.8	11.4	11.4	11.2	10.7	11.53
29	9.6	10.1	10.2	10.1	10.2	10.9	11.2	13.0	16.6	18.5	20.8	20.8	18.8	19.2	19.7	20.6	19.9	17.7	15.5	13.3	12.6	11.4	10.6	10.1	14.64
30	9.7	9.2	8.9	8.6	8.5	9.3	10.8	13.0	15.4	19.6	20.7	20.8	22.8	23.0	23.3	23.9	22.7	20.9	18.0	16.1	15.6	14.7	12.9	12.4	15.87
31	11.0	10.6	10.1	9.6	9.5	10.1	11.6	14.1	16.7	20.0	21.4	22.9	23.5	24.2	24.5	24.8	23.8	22.5	19.0	15.5	15.4	13.8	12.9	12.1	16.65
M.	14.25	13.87	13.52	13.24	13.15	13.78	15.09	16.29	18.32	20.22	21.47	21.91	21.83	22.41	22.76	22.68	21.69	19.90	18.45	17.00	16.39	15.75	15.23	14.79	17.67

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Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	11.2	10.9	10.6	10.0	9.9	10.6	12.2	14.3	17.4	21.3	23.1	24.9	25.6	26.7	26.6	26.3	26.1	23.5	19.3	16.9	15.6	15.3	15.0	13.7	17.79
2	12.9	12.6	12.3	12.1	12.0	12.7	15.0	18.1	19.4	19.2	19.8	20.2	19.3	18.9	18.2	17.2	17.5	17.2	16.2	16.3	15.6	15.9	14.8	14.3	16.15
3	13.9	14.0	14.1	14.0	13.7	13.3	13.0	12.8	15.1	16.3	17.2	18.6	20.1	20.3	18.6	19.4	19.1	18.2	17.3	15.2	15.0	14.4	14.8	15.4	15.99
4	14.6	13.9	13.5	13.5	13.1	13.7	14.3	15.4	15.5	16.0	17.4	15.7	17.2	13.0	16.4	13.7	17.0	16.2	14.8	14.3	13.8	14.0	13.8	13.7	14.77
5	13.6	13.7	13.4	13.7	13.6	14.0	15.0	16.4	16.5	17.3	17.9	17.6	18.8	18.3	17.2	18.2	17.7	17.4	16.2	15.4	15.2	14.9	14.7	14.1	15.87
6	13.5	13.8	14.2	14.4	14.6	15.5	16.4	17.6	18.7	19.5	20.6	21.4	21.4	23.2	22.0	21.0	19.9	17.2	15.8	15.1	13.6	13.4	11.6	10.9	16.89
7	10.9	10.6	10.3	10.3	10.6	10.5	10.8	11.5	12.2	14.4	13.9	13.7	14.8	15.5	16.1	15.8	15.4	15.5	14.0	13.4	13.6	12.1	11.0	10.9	12.83
8	10.6	10.1	9.8	10.0	9.8	10.4	11.8	13.4	15.8	19.0	18.2	21.3	22.2	22.6	22.9	23.5	22.4	20.6	18.3	14.8	14.2	13.6	12.8	12.6	15.86
9	12.6	12.5	11.7	11.9	12.3	13.2	14.5	15.0	15.4	16.8	17.6	18.1	17.6	15.0	14.7	13.9	13.7	14.1	13.9	13.8	13.8	13.7	13.1	12.6	14.23
10	12.2	12.1	12.1	12.0	11.8	12.3	13.0	13.8	14.3	12.6	15.9	15.3	18.3	14.7	15.7	12.2	13.6	15.0	12.6	11.9	10.8	10.2	9.9	9.2	12.98
11	8.8	8.6	9.5	9.7	9.4	9.4	10.8	12.8	15.0	18.3	20.0	20.6	22.4	21.7	22.7	22.2	20.5	19.6	16.8	15.0	14.2	14.0	12.6	12.4	15.29
12	11.8	11.1	10.7	10.5	10.4	10.9	12.2	14.4	16.4	20.4	21.8	23.7	23.7	25.1	25.6	23.4	24.4	22.7	18.0	15.8	15.6	15.8	14.7	14.3	17.22
13	14.7	15.0	14.0	14.0	13.4	14.7	16.0	17.6	18.2	21.0	23.1	21.6	22.2	19.0	21.8	21.4	19.9	19.8	17.7	15.2	14.0	13.4	13.1	12.4	17.22
14	11.9	11.4	11.7	12.0	12.1	12.4	13.2	14.8	13.6	15.4	18.7	20.0	22.2	23.5	22.4	22.7	21.4	19.4	16.5	14.9	14.3	13.6	13.0	12.0	15.96
15	11.8	11.4	10.9	10.8	10.7	11.3	12.1	13.9	16.5	20.5	24.0	25.4	25.6	26.9	25.8	25.7	24.8	23.1	19.2	17.5	16.8	16.0	15.9	15.3	18.00
16	14.8	14.2	13.7	13.4	13.2	13.2	14.4	16.6	19.6	23.7	26.2	27.1	28.6	28.9	28.7	27.8	27.5	24.6	21.5	19.7	19.2	18.5	18.0	17.1	20.43
17	18.0	18.9	19.4	21.1	20.8	19.6	20.0	21.1	22.0	24.6	26.8	27.1	26.7	26.1	24.2	22.4	22.3	22.4	21.5	19.9	19.7	19.8	19.0	18.0	21.72
18	17.0	16.8	17.6	15.9	15.3	15.7	17.4	19.2	20.8	22.8	23.6	25.0	26.2	26.1	26.3	25.5	23.8	22.4	20.9	19.3	20.2	19.0	18.1	17.4	20.51
19	16.8	16.6	16.6	16.5	16.1	16.0	16.3	17.2	19.2	19.5	22.9	22.2	22.6	23.1	22.2	21.0	19.9	18.2	16.8	16.0	14.3	13.1	12.6	12.3	17.83
20	12.4	11.8	11.1	11.0	10.6	11.0	12.6	15.4	18.1	20.3	21.0	22.6	25.3	24.6	25.2	26.0	24.2	22.4	18.6	17.0	16.2	15.5	15.1	14.3	17.60
21	14.1	13.9	13.2	12.7	12.5	12.7	14.3	16.8	19.2	23.5	25.0	26.7	27.2	29.5	29.9	30.0	28.2	26.3	22.6	20.1	19.2	18.1	17.2	16.6	20.40
22	16.2	15.9	15.5	15.2	14.9	15.0	16.2	18.8	21.9	25.8	28.8	30.3	31.9	32.2	32.1	31.4	30.9	26.5	22.3	21.0	20.6	19.6	19.2	19.2	22.56
23	18.9	19.0	18.8	18.5	18.0	18.3	18.8	20.7	23.6	27.1	29.3	30.2	30.8	31.4	30.7	31.7	28.8	27.4	24.8	22.8	23.0	21.8	22.9	21.7	24.13
24	24.7	23.2	22.5	20.4	19.9	19.4	19.8	22.1	22.8	23.7	24.1	27.5	25.7	22.8	17.4	17.3	19.2	18.6	17.2	17.3	16.4	16.5	18.0	16.1	20.52
25	15.8	15.8	16.0	15.5	15.9	16.0	16.4	17.0	17.7	18.8	19.1	22.1	22.4	24.8	24.6	24.4	23.9	21.3	18.0	16.3	15.6	15.1	15.3	15.0	18.45
26	14.5	14.2	15.2	15.2	15.1	15.9	17.0	17.9	18.9	19.9	21.1	19.6	23.2	24.1	22.8	21.8	19.1	18.2	17.3	17.4	17.2	17.4	17.5	16.2	18.20
27	15.2	14.5	14.8	14.4	13.2	13.3	14.2	15.7	17.2	18.6	19.2	20.3	21.4	22.0	23.0	22.2	20.9	18.4	14.7	13.1	12.8	13.5	12.9	13.0	16.60
28	13.5	13.3	12.8	12.7	12.6	12.7	14.1	15.5	17.8	20.9	22.4	22.7	23.8	24.5	25.6	24.5	22.2	19.8	18.0	16.4	15.5	14.2	15.4	14.9	17.74
29	13.7	13.5	13.8	13.6	14.1	14.1	15.4	15.6	16.6	18.1	20.2	19.5	18.1	19.4	17.2	17.3	18.0	16.0	14.4	12.4	13.4	12.9	12.5	11.9	15.49
30	11.7	11.6	10.4	9.3	7.0	7.0	7.5	8.1	8.4	9.3	9.9	12.5	14.0	12.4	15.3	15.8	13.1	12.6	10.9	9.6	9.0	8.8	8.0	7.5	10.40
31	7.1	6.2	6.0	5.9	5.5	5.6	6.1	8.1	10.6	14.5	16.4	18.0	19.5	21.1	19.4	18.8	19.5	16.7	13.4	13.1	13.3	13.4	12.2	11.5	12.58
M.	13.85	13.58	13.43	13.23	12.97	13.24	14.22	15.73	17.24	19.33	20.81	21.66	22.54	22.50	22.30	21.76	21.18	19.72	17.40	16.03	15.54	15.08	14.67	14.08	17.17

September 1918. **Stündliche Lufttemperaturen** $h_t = 1.8^m$. **Zürich.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	11.5	10.8	10.8	11.2	10.7	10.8	12.2	14.2	17.0	20.5	21.4	22.7	23.4	23.7	24.7	24.1	22.0	19.0	17.6	16.3	17.0	16.2	15.0	13.6	16.93
2	12.9	12.6	12.4	12.3	12.2	12.1	12.1	12.5	12.9	13.2	14.7	15.9	17.0	18.4	20.2	19.9	17.8	15.4	14.6	13.8	13.8	12.8	12.7	13.1	14.39
3	12.3	11.9	11.6	11.8	11.8	11.4	12.4	14.5	15.8	17.0	18.6	16.9	19.0	19.5	18.6	18.0	16.9	15.7	13.4	12.5	12.3	11.6	10.7	9.7	14.33
4	9.0	8.6	8.3	7.9	7.4	7.5	9.0	10.7	14.5	18.2	20.8	22.3	23.8	24.3	24.5	24.6	23.2	20.6	17.4	15.4	15.5	15.7	15.9	15.3	15.85
5	14.4	14.1	13.2	13.6	13.5	13.8	14.6	15.8	19.8	21.8	22.5	24.4	25.6	21.9	19.3	18.4	18.2	17.2	16.7	16.0	15.8	15.7	15.6	15.8	17.40
6	15.7	15.6	15.5	15.2	15.1	15.1	15.4	15.5	15.9	16.3	15.6	16.0	19.8	19.5	18.3	19.4	18.5	17.0	14.4	13.9	14.0	13.9	13.5	12.6	15.90
7	12.2	11.5	11.1	10.9	10.8	10.8	11.2	12.9	14.9	18.2	20.6	22.5	22.8	24.3	24.6	23.2	20.3	19.0	18.5	17.3	17.0	16.4	16.6	16.6	16.84
8	16.9	15.5	15.4	15.1	15.0	14.9	15.1	15.0	15.5	16.0	16.0	16.7	20.7	16.4	20.2	18.9	18.4	18.4	17.0	17.9	16.7	16.5	16.9	16.8	16.75
9	16.0	14.8	16.0	13.1	11.2	11.2	11.0	11.5	11.0	10.7	10.8	11.8	13.3	14.0	16.7	15.2	14.8	14.6	14.2	13.9	13.5	13.2	13.4	11.7	13.21
10	11.2	11.2	11.5	12.0	12.2	12.6	13.0	14.5	17.0	19.0	22.0	21.0	23.2	22.3	21.7	21.1	20.2	18.3	17.4	16.3	14.6	13.9	13.4	12.9	16.35
11	11.5	11.2	10.9	11.3	12.7	12.8	12.6	12.0	11.9	12.0	12.2	14.5	16.1	16.4	16.7	16.0	15.3	15.0	14.8	14.9	15.3	15.8	14.7	14.6	13.80
12	15.9	15.3	14.3	13.1	12.7	12.8	12.4	12.6	14.0	13.4	13.8	14.0	15.3	15.5	15.4	15.5	15.8	15.4	15.3	14.1	10.5	10.8	11.1	11.2	13.72
13	11.8	11.6	11.1	10.7	10.8	10.9	10.5	11.8	13.1	13.7	11.8	14.6	15.2	15.5	14.0	16.2	15.6	11.8	10.6	8.9	8.5	8.7	9.5	9.8	11.95
14	8.9	7.6	7.1	6.7	6.7	6.3	7.3	9.4	12.2	16.2	17.2	18.7	19.4	19.7	19.9	19.2	17.7	14.4	11.6	11.3	11.2	10.5	10.3	9.6	12.46
15	9.9	9.5	8.5	8.7	8.3	8.4	8.9	10.8	13.5	17.6	20.3	22.5	23.1	24.2	24.2	23.7	21.3	17.2	15.0	14.3	14.4	13.2	12.5	11.8	15.08
16	11.5	10.6	10.1	9.9	9.8	9.3	10.0	11.9	15.1	19.4	22.6	24.1	25.3	26.1	26.0	24.7	23.0	19.4	16.0	15.2	14.6	14.2	13.5	13.1	16.47
17	12.3	11.9	12.0	11.6	11.4	11.7	12.4	14.0	17.9	20.0	25.1	23.6	22.0	26.0	25.7	24.4	20.6	18.7	18.0	16.7	16.2	15.8	15.7	15.1	17.45
18	14.3	15.1	14.7	14.1	14.5	15.1	15.2	16.8	16.9	19.7	22.6	24.0	22.0	20.9	23.3	23.2	19.5	18.6	18.1	17.5	17.0	16.7	16.5	16.3	18.03
19	16.0	15.3	15.6	15.5	15.4	16.1	17.7	17.6	18.7	18.7	20.6	22.0	21.5	24.8	24.9	22.5	20.4	19.5	17.2	17.8	17.7	16.5	16.1	15.8	18.50
20	15.8	15.9	15.6	15.2	14.8	13.2	11.2	11.0	9.8	9.7	10.2	8.9	9.0	8.8	8.6	8.6	8.5	8.0	7.2	7.3	7.2	7.5	7.9	7.6	10.31
21	7.8	7.5	7.6	7.9	8.0	7.9	9.0	10.2	11.2	12.3	12.4	16.1	16.6	18.0	17.8	17.9	15.4	11.9	10.3	9.0	8.5	8.3	8.0	8.1	11.15
22	7.2	6.7	6.1	5.6	5.2	5.1	5.4	8.2	10.9	13.2	16.7	16.3	17.3	19.0	15.1	15.5	13.6	13.0	12.4	12.4	12.7	11.9	11.7	11.1	11.35
23	10.7	10.1	10.4	10.1	10.6	10.9	11.4	11.5	12.4	13.2	13.5	13.4	12.7	11.9	11.3	11.3	10.3	9.2	9.0	8.9	9.0	8.8	8.8	8.8	10.76
24	8.4	8.4	8.3	8.3	8.5	8.3	8.7	9.1	9.6	9.7	9.8	9.9	10.5	11.1	11.1	11.0	10.8	10.5	10.5	10.6	10.5	10.4	10.2	10.1	9.76
25	9.2	10.4	10.3	10.2	10.2	10.2	10.3	10.5	11.1	11.8	14.2	14.4	14.4	13.9	16.0	15.8	14.6	11.6	11.1	10.5	10.0	9.7	10.1	9.4	11.66
26	9.0	9.9	9.4	9.1	8.3	8.4	8.6	9.1	9.4	11.8	14.6	16.7	17.8	19.0	19.5	18.3	16.6	13.9	12.8	12.1	12.2	11.5	11.0	10.5	12.48
27	10.6	10.2	9.8	10.8	10.7	11.2	12.0	12.8	14.2	14.8	18.1	16.5	17.5	17.7	18.8	18.2	15.3	14.4	13.3	12.5	12.6	12.5	12.2	11.8	13.69
28	11.7	11.4	11.2	11.1	11.0	11.0	11.1	12.5	13.8	16.4	15.6	15.1	15.7	15.4	15.2	15.5	13.2	12.8	11.8	11.6	11.4	11.0	10.5	10.1	12.73
29	10.1	9.9	10.0	9.0	9.1	9.1	9.7	11.0	11.8	14.9	17.0	18.1	17.5	19.6	18.5	17.4	16.8	14.0	12.2	11.8	11.4	11.2	11.3	11.1	13.02
30	11.2	12.7	13.1	13.0	15.3	12.1	14.6	15.0	14.8	13.8	14.3	13.6	12.8	10.2	9.0	8.8	8.9	8.5	8.6	8.2	8.0	8.2	7.8	7.5	11.25
M.	11.86	11.59	11.40	11.17	11.13	11.03	11.50	12.50	13.85	15.44	16.85	17.56	18.34	18.60	18.66	18.22	16.78	15.08	13.90	13.30	12.97	12.64	12.44	12.05	14.12

Oktober 1918. **Zürich.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	6.6	5.3	4.7	4.3	3.8	3.2	3.3	5.2	7.4	9.8	10.7	10.7	11.8	12.2	11.1	10.6	9.5	7.6	7.6	7.5	6.4	6.0	5.8	5.5	7.36
2	5.1	4.8	4.7	4.8	4.2	3.1	2.6	4.1	6.6	9.8	11.1	9.5	11.0	9.9	10.0	10.4	8.2	6.0	5.7	4.7	3.8	4.1	3.4	3.5	6.30
3	3.9	4.2	4.3	4.4	4.2	4.4	5.2	6.4	8.7	11.4	12.3	14.0	13.6	13.9	13.6	12.6	10.6	8.6	7.9	6.6	6.4	6.9	7.3	7.4	8.28
4	7.1	7.0	6.3	5.3	5.4	4.7	4.6	7.0	7.2	7.9	9.1	10.9	13.3	13.8	13.9	12.2	11.4	9.8	9.6	9.5	9.2	9.0	9.1	9.2	8.85
5	9.0	8.9	8.8	8.7	8.6	8.6	8.6	8.9	9.7	10.4	11.5	13.8	12.4	14.5	14.6	14.0	11.7	8.2	7.1	6.1	6.0	5.3	4.6	4.5	9.35
6	4.4	4.3	3.9	4.7	5.3	4.4	4.6	5.8	6.4	7.4	10.2	12.8	14.0	14.9	14.7	14.0	12.2	10.7	9.7	9.7	9.7	9.7	9.6	9.4	8.85
7	9.4	8.8	8.6	8.6	8.2	8.0	6.4	8.3	10.9	14.2	16.8	17.9	18.8	19.3	19.0	17.6	13.6	10.9	10.0	9.0	8.6	9.2	9.6	9.5	11.72
8	8.6	8.4	8.6	9.0	9.1	9.5	10.0	9.0	7.9	7.8	7.6	7.5	7.5	6.9	7.1	5.6	5.3	5.4	5.4	5.5	5.5	5.4	5.2	5.4	7.22
9	4.7	4.5	4.2	4.5	4.6	4.6	4.7	5.1	5.3	5.6	7.7	8.0	8.4	8.3	8.6	8.8	7.7	7.2	6.5	6.5	6.8	6.5	6.3	5.5	6.28
10	5.9	6.0	5.6	5.1	5.4	5.4	5.8	6.0	6.3	6.7	7.2	8.3	7.6	7.5	7.6	7.4	7.0	6.8	6.9	6.9	7.0	6.8	6.7	6.6	6.60
11	6.6	6.6	6.5	6.3	6.2	6.2	6.2	6.4	6.7	7.1	7.5	8.3	9.2	9.5	9.2	9.3	8.8	8.4	8.0	7.8	7.5	7.6	7.5	7.6	7.54
12	7.3	7.6	7.9	7.6	7.5	7.2	6.9	7.2	7.5	8.5	10.0	14.3	16.7	16.2	16.5	14.8	12.3	10.1	9.4	8.7	7.8	7.5	7.8	7.4	9.80
13	8.5	8.6	8.6	8.7	8.7	8.7	8.6	8.5	8.7	8.9	9.6	9.7	9.7	10.5	10.4	10.3	10.0	9.8	9.4	9.0	9.2	9.0	8.9	8.9	9.20
14	8.9	8.7	8.6	8.6	8.6	8.6	8.6	8.8	9.1	10.1	10.6	11.3	11.0	11.0	11.1	10.7	10.2	10.0	9.6	9.5	9.4	9.3	9.2	9.1	9.61
15	9.1	9.0	8.9	8.8	8.8	8.7	8.7	8.8	9.0	9.2	9.3	9.3	9.4	9.2	8.0	7.8	7.6	7.2	7.0	6.9	6.2	5.6	5.5	5.1	8.05
16	5.3	5.6	5.7	5.8	6.0	6.1	6.4	6.8	7.1	7.0	7.1	7.2	7.3	7.5	7.5	7.6	7.5	6.6	6.5	5.9	5.8	5.7	5.8	5.8	6.48
17	5.8	5.6	5.7	5.6	5.5	5.5	5.6	5.8	6.6	7.0	7.4	8.3	8.2	8.9	9.2	8.6	6.6	5.6	4.7	4.4	3.9	3.6	3.3	3.3	6.03
18	3.5	3.4	4.5	4.9	4.9	4.9	5.0	5.6	6.1	6.7	7.1	8.6	8.8	8.9	8.7	8.7	8.0	7.7	7.7	7.7	7.5	7.4	7.5	7.3	6.71
19	6.9	6.7	6.7	6.8	6.9	7.0	7.0	7.4	8.7	9.0	9.6	9.9	10.6	11.5	11.0	11.1	9.8	8.8	7.5	7.6	6.0	6.7	6.9	7.1	8.22
20	7.1	7.0	7.1	7.1	7.2	7.3	7.5	8.0	8.4	9.6	8.7	8.9	9.5	9.1	9.1	8.4	7.5	5.9	6.2	6.2	4.8	4.6	4.6	4.8	7.27
21	4.6	4.3	3.6	3.0	1.9	1.7	2.0	2.7	4.0	7.0	10.7	12.7	12.6	13.3	12.8	11.6	9.6	7.9	6.4	5.5	5.1	4.7	4.6	4.5	6.53
22	4.4	4.3	4.0	4.4	4.9	4.9	5.1	5.4	6.4	10.0	10.5	10.4	11.1	12.3	12.7	11.4	10.2	8.9	8.4	8.4	8.4	7.9	7.8	7.0	7.88
23	6.6	5.9	5.6	5.0	4.5	5.0	4.6	5.6	6.6	7.8	11.1	16.2	18.6	18.5	18.4	16.6	13.1	11.5	11.1	10.5	9.7	9.8	9.2	8.8	10.01
24	8.4	8.2	8.2	8.6	8.3	7.9	7.8	8.4	9.6	9.8	11.2	12.2	12.6	13.1	13.2	13.2	11.3	11.2	10.5	10.2	10.0	9.6	9.7	9.6	10.14
25	9.7	9.8	9.8	9.8	9.9	9.9	9.9	10.0	10.2	10.8	10.7	11.3	11.6	12.1	12.0	11.5	11.0	10.4	10.2	9.8	9.7	9.6	9.6	9.8	10.38
26	9.6	9.1	8.6	8.3	7.5	7.2	6.7	6.8	6.7	6.2	6.2	6.2	6.6	7.0	7.0	6.8	6.7	6.7	6.5	6.5	6.4	6.4	6.3	6.2	7.01
27	6.2	6.0	5.8	5.0	4.6	3.8	3.4	3.6	6.2	8.0	8.6	9.0	10.1	9.4	9.7	8.5	6.2	4.4	4.1	3.6	3.1	2.5	2.0	1.4	5.63
28	1.1	0.9	0.8	0.2	0.1	−0.1	0.0	1.3	3.0	5.1	6.6	8.2	9.6	9.4	8.5	7.8	5.8	4.8	3.5	2.6	1.8	1.2	0.8	0.6	3.46
29	0.4	0.7	1.0	1.1	1.0	1.1	1.4	2.4	4.1	5.9	8.1	9.7	10.4	10.4	9.3	7.9	6.2	5.1	4.1	2.8	2.5	1.9	1.6	1.7	4.21
30	2.3	2.4	2.3	2.8	2.9	2.6	2.6	3.0	3.2	3.7	4.3	4.2	4.3	4.3	4.2	3.5	3.0	2.8	2.4	2.4	2.2	2.0	1.9	1.7	2.96
31	1.8	2.1	2.1	2.2	2.4	2.5	2.5	2.7	2.9	3.3	3.6	3.9	4.0	3.9	3.7	3.5	3.2	3.0	2.8	2.3	2.1	2.0	2.0	2.0	2.77
M.	6.11	5.96	5.86	5.81	5.71	5.57	5.56	6.16	7.01	8.12	9.12	10.10	10.66	10.88	10.72	10.09	8.78	7.66	7.17	6.78	6.41	6.24	6.13	6.01	7.44

November 1918 **Stündliche Lufttemperaturen** $h_t = 1.8^m$. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	2.1	2.1	1.9	2.0	2.0	2.1	2.3	2.8	3.3	5.5	6.8	6.9	7.0	8.0	8.1	7.1	5.7	4.3	3.8	3.0	2.4	2.0	2.0	1.9	3.96
2	1.7	1.0	1.5	2.0	2.1	1.8	1.4	1.4	1.9	2.5	3.3	5.1	7.2	8.1	8.4	7.5	7.0	6.8	6.5	6.5	6.8	6.5	6.8	6.5	4.60
3	7.0	5.9	5.1	5.1	4.9	5.1	5.2	5.4	5.8	6.2	7.2	8.6	9.1	9.1	9.0	8.4	8.1	8.1	8.1	8.2	8.2	8.1	7.9	7.6	7.14
4	7.5	7.3	7.3	7.4	7.4	7.2	7.0	7.3	7.7	7.8	8.6	10.1	11.2	11.6	11.2	10.8	9.9	8.6	8.6	8.3	9.0	8.7	7.4	7.2	8.55
5	6.4	6.7	6.7	6.5	6.6	6.4	6.1	6.3	6.8	7.1	7.8	8.2	8.8	10.2	10.3	9.1	8.2	7.3	7.5	7.2	7.0	6.8	6.7	6.9	7.40
6	7.0	6.6	6.4	6.2	6.1	6.2	6.4	6.1	6.1	7.1	8.9	9.7	10.4	10.7	11.0	10.2	9.1	8.4	8.2	7.6	7.0	6.5	7.3	6.5	7.74
7	6.2	6.1	6.2	5.5	6.5	6.3	6.2	7.0	9.2	11.1	12.9	12.5	13.0	14.0	14.4	13.0	10.2	9.7	10.0	9.9	8.7	8.9	8.9	9.1	9.40
8	8.8	8.6	8.5	8.6	8.2	8.0	7.5	7.9	8.2	8.3	8.7	9.6	11.3	11.2	11.9	10.9	10.2	9.7	9.2	9.0	8.4	8.6	8.3	7.7	9.05
9	7.8	8.8	9.3	9.1	9.1	9.0	8.6	8.7	8.8	8.9	8.9	9.2	10.2	10.8	10.5	10.1	9.6	9.4	9.2	9.2	9.1	8.8	8.6	8.5	9.18
10	8.4	8.3	8.2	8.1	8.0	7.5	7.4	8.2	8.3	9.2	9.5	9.5	10.1	10.3	10.2	10.1	10.0	9.5	9.3	9.1	8.8	8.6	8.5	8.2	8.89
11	8.2	8.2	8.2	8.2	8.3	8.2	8.4	8.6	9.2	9.3	9.8	11.2	11.9	11.3	10.9	9.6	7.1	6.3	5.2	4.8	4.1	4.0	3.4	3.2	7.82
12	3.8	3.9	4.0	3.4	3.5	3.3	3.6	4.1	4.4	5.1	6.1	6.6	6.4	6.4	6.8	6.3	6.2	6.1	6.0	6.0	5.9	5.5	5.0	4.4	5.10
13	4.2	3.6	3.2	2.5	1.9	2.1	1.3	1.6	2.8	4.2	6.4	6.6	5.8	6.0	5.0	4.1	3.0	2.1	1.4	1.3	0.5	0.3	−0.1	−0.7	2.88
14	−1.0	−1.1	−1.7	−1.7	−1.9	−1.9	−1.2	−1.0	1.0	2.4	4.4	5.4	5.7	5.8	3.0	2.7	2.0	1.3	0.8	0.9	−0.1	0.1	0.0	−0.3	0.98
15	−0.5	−1.1	−0.9	−1.2	−1.2	−2.1	−2.0	−1.8	0.5	2.2	3.5	5.2	5.8	5.0	3.5	1.8	0.6	−0.1	−0.4	−0.9	−1.3	−1.6	−1.8	2.0	0.38
16	−2.1	−2.2	−2.0	−1.9	−2.0	−2.0	−2.0	−1.7	−0.2	0.6	0.4	1.4	1.2	1.0	1.0	0.6	0.2	0.0	−0.4	−0.7	−1.2	−1.6	−2.2	−2.7	−0.77
17	−3.3	−4.0	−4.4	−4.9	−5.1	−4.6	−4.4	−4.0	−2.8	−1.4	−1.0	−0.4	0.0	−0.4	−0.2	−0.3	−0.3	−0.4	−0.5	−0.3	−0.4	−0.5	−0.6	−0.5	−1.88
18	−0.7	−0.9	−0.9	−0.9	−0.9	−0.8	−0.6	−0.6	−0.3	0.2	0.8	1.0	1.2	1.3	1.1	0.6	0.5	0.2	0.1	0.0	−0.2	−0.2	−0.3	−0.6	−0.04
19	−1.6	−1.9	−1.7	−2.4	−3.0	−2.6	−2.2	−1.6	−0.9	−0.6	−0.3	−0.1	0.4	−0.2	−0.2	−0.1	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	−0.69
20	0.5	0.0	−0.5	−0.6	−1.1	−0.8	−1.2	−1.8	0.0	0.1	1.3	2.1	2.6	3.8	2.5	1.9	1.6	1.0	0.1	−0.3	−0.8	−1.3	−1.5	−1.2	0.27
21	−1.2	−1.6	−2.1	−2.0	−1.9	−1.6	−1.7	−1.5	−1.5	−1.4	−1.0	0.0	1.8	1.9	1.2	0.2	−1.0	−1.4	−1.7	−0.9	−0.5	−0.5	−0.5	−0.4	−0.80
22	−0.4	−0.3	−0.3	−0.5	−0.6	−0.7	−0.8	−0.5	−0.2	−0.1	0.1	0.0	0.0	0.4	0.0	−0.7	−1.0	−0.9	−1.1	−1.2	−1.2	−1.5	−1.5	−1.7	−0.61
23	−1.9	−1.9	−2.0	−2.1	−2.2	−2.5	−2.6	−2.1	−1.9	−1.8	−1.1	−1.0	−1.0	−0.9	−1.0	−0.9	−0.9	−0.9	−1.3	−1.2	−1.2	−1.4	−1.4	−1.3	−1.53
24	−1.6	−1.8	−1.9	−2.1	−2.4	−2.5	−2.8	−2.7	−2.5	−2.0	−1.4	−1.0	−0.7	0.5	0.2	−0.5	−1.6	−1.7	−2.3	−3.1	−3.8	−3.4	−3.8	−4.2	−2.05
25	−4.2	−3.9	−3.2	−2.8	−2.9	−2.8	−2.7	−2.7	−2.3	−1.5	−0.3	1.0	2.4	2.4	2.3	1.5	1.3	1.2	2.0	2.2	2.2	2.3	2.1	2.1	−0.18
26	3.4	3.2	3.6	3.4	3.2	2.9	2.8	3.0	4.0	4.8	5.5	8.3	8.6	7.5	6.1	4.9	3.2	2.6	2.0	1.4	1.3	1.7	1.4	1.6	3.77
27	0.8	1.0	0.8	1.0	1.4	2.1	2.2	2.3	2.4	2.4	2.5	3.0	3.2	3.9	4.1	5.4	5.3	6.0	6.1	6.0	5.4	5.0	5.1	4.9	3.43
28	4.6	4.5	4.4	4.1	4.0	3.9	3.6	3.9	4.2	4.4	5.0	5.1	5.4	5.6	5.5	4.5	4.5	4.4	4.8	5.2	5.2	4.5	3.9	3.9	4.55
29	3.6	3.7	3.8	4.2	5.0	5.1	5.2	5.0	4.9	5.1	5.5	6.2	6.4	7.3	7.0	6.7	6.1	5.3	5.2	4.5	4.2	4.3	3.4	3.0	5.03
30	2.2	2.3	2.2	2.2	2.1	2.1	2.6	2.8	3.0	3.4	4.1	4.5	4.6	4.0	3.6	3.1	2.9	2.4	2.1	2.0	1.0	0.0	0.4	0.0	2.48
M.	2.52	2.37	2.32	2.21	2.17	2.15	2.12	2.35	3.00	3.64	4.41	5.15	5.67	5.89	5.56	4.95	4.26	3.84	3.62	3.47	3.16	2.99	2.80	2.61	3.47

Dezember 1918. Zürich.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−0.5	−1.4	−1.8	−0.1	−0.8	−0.1	−1.0	−0.7	0.1	2.4	3.7	2.7	4.0	3.5	1.9	1.1	0.4	0.1	−0.2	−1.0	−1.5	−2.4	−2.2	−2.9	0.14
2	−3.0	−2.8	−2.8	−2.4	−2.3	−2.5	−2.6	−2.7	−2.3	−2.0	−1.2	−1.1	−0.9	−1.0	−0.3	−0.7	−1.1	−1.4	−1.3	−2.0	−2.0	−1.6	−1.9	−2.3	−1.84
3	−2.7	−2.5	−3.0	−3.1	−3.2	−3.4	−3.6	−3.1	−2.7	−2.0	−1.6	−0.9	0.0	1.1	1.2	1.3	1.3	1.6	1.9	2.2	2.4	2.8	3.0	3.2	−0.41
4	3.5	3.3	3.0	3.2	3.3	3.9	4.1	4.4	4.7	4.9	5.4	5.8	6.6	9.2	7.9	6.3	5.1	4.3	3.7	2.8	1.8	1.2	1.2	1.8	4.23
5	1.7	1.9	2.0	1.9	2.2	0.6	0.1	0.2	0.9	2.1	3.2	6.7	6.8	6.6	6.2	4.4	3.3	2.6	1.9	0.5	−0.4	−0.4	−0.8	−0.1	2.25
6	−0.2	−0.9	−1.0	−1.0	−0.9	−1.1	−1.2	−1.3	−0.9	−0.9	−0.3	0.9	1.3	1.5	1.9	1.2	0.8	0.0	−0.2	−0.2	−0.8	−0.9	−1.3	−1.2	−0.28
7	−1.4	−2.0	−2.0	−1.9	−1.8	−1.8	−1.4	−1.0	−0.6	−0.1	2.1	3.7	4.8	4.9	3.4	1.8	0.9	0.6	0.4	0.6	−0.4	−0.7	−0.6	−0.2	0.30
8	0.3	0.6	0.8	1.1	1.2	1.3	1.4	1.6	1.8	2.2	2.8	3.8	4.1	4.4	4.3	4.1	3.4	3.3	3.3	3.4	3.1	3.1	3.1	2.9	2.56
9	2.9	2.6	2.4	2.5	2.3	2.1	2.2	2.8	3.4	4.3	5.2	5.5	5.7	5.5	5.3	5.1	5.1	5.1	5.0	5.1	5.2	5.1	5.0	5.1	4.19
10	5.1	5.1	5.0	4.8	4.5	4.4	4.2	4.2	4.6	5.2	5.6	6.5	6.9	7.0	6.1	5.7	4.9	4.7	4.3	4.1	4.6	4.5	4.8	5.1	5.08
11	6.0	6.9	6.8	7.2	5.5	5.4	5.4	5.6	5.8	6.9	7.4	8.2	7.7	7.5	5.3	5.1	5.0	5.0	5.1	6.2	5.4	5.1	5.4	5.7	6.07
12	5.8	6.2	6.2	6.1	6.1	5.9	5.8	6.4	6.6	7.7	8.8	9.1	8.9	9.1	8.5	7.5	7.0	7.2	6.7	6.7	6.9	6.8	6.6	7.1	7.07
13	8.1	8.2	8.9	8.8	9.4	9.6	10.5	10.8	10.5	11.0	10.5	10.3	10.6	10.9	10.7	10.6	10.7	10.6	10.6	10.6	10.8	10.8	10.8	10.9	10.22
14	10.5	9.5	8.9	8.4	8.5	8.3	9.0	9.3	8.9	8.6	10.6	13.0	13.4	12.8	11.2	10.1	9.3	8.3	8.0	7.4	6.1	5.4	5.1	4.1	8.95
15	3.2	3.7	4.2	4.3	4.4	4.5	4.6	4.5	4.6	4.7	5.0	5.2	5.8	5.6	5.6	5.4	5.3	5.2	5.1	5.0	4.6	4.4	4.4	4.3	4.73
16	4.0	4.1	4.1	4.1	3.9	3.7	4.6	6.2	7.0	6.8	8.4	9.9	9.4	9.1	9.4	9.1	9.5	9.4	9.3	8.6	9.0	8.2	8.1	7.8	7.24
17	7.2	6.3	6.3	5.9	5.3	5.2	5.2	5.4	4.4	4.1	4.8	6.1	5.8	6.0	5.7	5.2	4.9	4.8	4.6	3.9	3.2	2.7	2.8	2.9	4.95
18	2.6	2.4	2.4	3.0	2.9	2.8	2.7	2.9	4.0	4.1	4.3	5.5	5.9	4.8	4.5	4.4	3.2	2.3	2.6	3.0	2.4	2.9	3.1	3.1	3.41
19	3.5	4.6	4.9	5.3	6.5	6.1	5.0	4.9	4.0	4.4	5.1	6.2	5.8	2.0	5.6	2.9	1.8	2.5	2.6	2.0	1.6	2.5	2.5	2.6	3.95
20	3.2	3.4	3.7	3.3	2.1	3.0	3.6	2.7	2.8	3.8	1.1	2.7	2.4	2.4	2.5	2.2	2.2	2.6	2.9	3.0	2.9	2.4	2.0	2.3	2.72
21	2.0	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.4	1.5	1.7	2.2	2.4	2.2	1.0	0.9	1.1	1.2	0.9	0.9	0.6	0.0	0.1	0.2	1.13
22	0.0	−0.1	−0.1	−0.1	−0.1	−0.2	−0.8	−0.9	−0.8	−0.3	0.2	0.6	0.6	0.4	0.4	0.4	0.2	0.3	0.5	1.7	3.9	5.4	5.9	6.3	0.97
23	6.9	7.8	8.8	9.0	9.3	9.2	9.6	10.1	10.8	11.6	12.0	11.6	10.4	10.2	10.0	8.5	7.1	7.2	6.9	6.9	6.2	5.2	5.9	6.0	8.63
24	5.3	4.8	4.0	3.6	2.8	2.7	2.4	2.6	3.1	3.2	3.3	3.5	3.6	3.5	3.4	3.2	3.1	2.9	2.8	2.7	2.7	3.0	3.5	3.2	3.29
25	2.7	2.5	2.9	2.1	1.9	1.7	0.7	0.3	0.4	1.8	4.4	3.9	4.0	4.1	3.2	2.5	1.9	1.7	1.3	1.0	0.9	0.2	−0.4	−0.8	1.87
26	−0.9	−1.3	−1.9	−2.0	−2.2	−2.4	−2.0	−1.9	−1.2	−0.7	0.2	0.7	2.2	2.4	1.4	0.2	−0.6	−1.3	−1.8	−2.4	−2.6	−2.8	−3.2	−3.4	−1.15
27	−3.7	−3.0	−2.7	−2.0	−2.0	−2.7	−3.4	−3.6	−2.4	−2.1	−1.7	−1.3	0.4	−0.7	−1.0	−1.0	−1.8	−2.2	−2.4	−2.3	−1.9	−1.5	−0.8	−0.7	−1.94
28	−0.6	0.3	0.9	1.0	0.8	0.9	1.6	1.8	2.2	3.8	5.8	5.8	5.4	4.5	5.2	6.5	4.3	4.6	6.6	7.6	7.8	8.2	8.4	8.5	4.25
29	8.6	8.7	9.0	8.6	9.4	10.3	10.4	10.1	10.4	11.2	10.5	10.2	10.9	11.1	11.2	11.3	11.0	10.6	10.7	10.7	11.3	11.5	11.0	10.7	10.39
30	10.8	11.1	11.2	11.1	10.6	10.7	10.4	10.0	9.9	10.4	11.3	11.7	9.2	8.6	9.4	8.4	7.3	7.3	7.3	6.4	6.2	6.3	5.5	5.6	9.03
31	6.8	8.8	8.3	7.7	5.5	4.5	3.7	3.5	3.4	3.4	4.2	4.5	3.9	3.7	3.7	3.6	3.6	3.5	3.3	3.2	2.8	2.7	2.3	2.1	4.28
M.	3.15	3.21	3.23	3.27	3.10	3.02	2.98	3.11	3.38	3.94	4.61	5.26	5.42	5.26	4.99	4.43	3.88	3.70	3.63	3.49	3.32	3.23	3.20	3.22	3.75

1918. **Tägliche Maxima und Minima der Temperatur.** **Zürich.**

(Absolute Extreme.)

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	−1.7	−7.8	−2.4	−4.4	3.1	−1.2	11.1	3.6	10.2	7.2	24.6	9.0	23.0	8.6	27.6	9.8	25.3	10.5	13.0	3.1	8.1	1.9	4.2	−2.9
2	−3.6	−5.7	−2.4	−5.0	5.7	−0.9	11.7	4.0	18.2	5.9	22.4	7.4	23.6	**8.2**	20.2	12.0	20.7	12.1	12.8	2.6	8.6	1.0	−0.3	−3.2
3	−0.7	−11.4	−3.0	−4.8	6.0	0.3	16.0	0.8	22.7	**5.4**	24.0	7.5	20.5	10.4	21.3	12.8	20.6	9.7	14.5	3.5	11.1	4.8	3.3	−3.6
4	−4.5	−14.9	3.0	−5.4	4.2	−0.2	20.5	2.7	24.4	7.7	19.0	9.3	15.2	10.8	18.8	13.1	24.9	7.3	14.1	4.6	11.8	6.8	9.3	1.2
5	−4.3	**−16.0**	−2.8	−6.4	9.4	−3.0	18.3	5.3	21.8	11.0	18.2	6.3	22.0	11.6	19.6	13.4	26.0	13.0	15.3	4.5	10.3	6.0	6.9	−0.8
6	4.4	−11.9	4.1	−5.1	11.2	−1.2	14.4	7.6	21.5	9.1	21.1	**4.2**	18.0	9.2	24.3	10.9	22.0	12.6	15.7	3.5	11.2	5.8	1.9	−1.5
7	7.4	0.0	11.5	1.5	4.3	0.1	14.7	5.6	21.9	10.8	23.7	6.3	24.9	10.6	17.7	10.2	25.0	10.7	**19.5**	6.4	**14.4**	5.5	5.0	−2.1
8	7.3	−5.4	**14.6**	1.8	9.9	0.5	8.6	4.9	16.2	10.1	25.2	7.8	28.7	10.9	24.1	9.7	21.0	14.8	10.2	5.2	12.1	7.3	4.5	0.2
9	−4.8	−8.2	12.7	1.3	13.3	−2.5	17.2	3.9	20.3	9.1	27.1	10.3	25.5	15.3	18.6	11.7	17.5	10.7	10.0	4.2	10.8	7.2	5.8	2.1
10	2.2	−7.2	13.0	0.8	14.3	−1.2	15.2	6.1	23.2	9.2	16.6	9.3	17.9	14.3	19.6	9.2	25.0	11.0	8.4	5.1	10.3	7.4	7.5	4.1
11	4.9	−1.3	13.0	0.1	14.0	−1.0	19.7	5.3	24.6	8.2	20.4	8.8	22.9	13.0	23.3	8.4	17.6	10.8	9.7	6.1	12.1	3.2	8.9	4.8
12	3.1	−7.1	13.3	0.6	14.1	−1.0	20.3	5.9	16.7	8.6	17.9	12.4	25.3	12.6	26.2	10.4	17.0	10.5	17.5	6.9	6.6	3.2	9.8	5.7
13	5.0	−1.4	11.5	−1.4	14.4	−1.0	22.4	8.4	20.1	8.8	23.7	9.9	24.1	14.2	24.5	12.4	17.7	8.2	10.5	7.3	7.3	−0.7	11.2	7.5
14	4.2	−6.3	5.6	2.6	12.0	−0.6	**23.6**	9.4	12.3	9.1	**27.2**	9.9	23.1	12.6	24.4	11.2	20.2	6.3	11.3	8.6	6.0	−2.1	**14.5**	4.1
15	7.9	−6.5	2.4	−6.0	2.0	−2.7	14.6	7.1	17.5	8.6	24.0	12.6	29.6	16.6	27.1	10.7	24.4	8.0	9.4	5.1	6.1	−2.5	5.8	3.1
16	10.9	3.0	−1.3	−8.0	12.7	**−5.9**	9.0	5.4	21.0	8.6	12.3	9.8	32.0	15.6	29.6	13.0	**26.3**	9.2	7.7	5.2	2.0	−2.7	9.9	3.5
17	10.2	2.0	−0.6	**−9.0**	16.1	−1.0	12.1	4.9	26.4	8.5	13.0	8.6	**35.3**	16.1	28.1	16.8	26.2	11.2	9.2	3.3	0.2	**−5.3**	7.8	2.6
18	11.0	3.3	−0.1	−7.8	17.5	−0.5	15.5	7.2	27.0	10.6	14.5	6.6	28.2	18.6	26.7	15.3	24.5	14.0	9.2	3.2	1.4	−1.0	6.3	2.3
19	13.3	2.9	−0.7	−7.2	17.3	1.0	6.8	**0.4**	**28.1**	10.3	21.5	4.9	27.8	16.1	24.0	12.2	25.4	15.2	11.5	6.0	0.6	−3.0	7.6	1.3
20	12.4	0.1	6.2	−7.1	11.1	5.7	5.5	0.9	27.4	10.3	16.6	11.0	32.2	14.1	26.0	10.6	15.9	7.1	9.7	4.3	3.8	−1.8	4.2	1.1
21	**13.5**	1.6	4.0	−3.4	13.8	3.4	2.8	0.5	28.0	11.0	14.3	10.3	24.9	15.6	30.4	12.5	18.5	7.4	13.7	1.6	2.5	−2.1	2.6	−0.1
22	12.5	1.0	5.8	−0.7	10.3	0.7	8.5	1.0	27.9	13.5	20.3	11.6	25.3	12.8	**33.2**	14.8	19.5	**4.9**	13.0	4.0	1.2	−1.7	6.3	−0.9
23	10.4	5.3	9.8	2.9	16.2	2.2	9.5	2.6	27.9	12.9	15.7	7.8	21.0	14.2	32.3	18.0	14.0	8.8	19.3	4.2	−0.8	−2.7	12.0	5.0
24	13.3	2.4	9.8	0.1	**20.1**	3.5	12.3	3.0	22.6	10.7	17.9	6.2	26.2	15.0	27.5	16.1	11.3	8.2	13.4	7.4	0.7	−4.2	5.4	2.3
25	6.8	−1.2	4.5	1.6	18.8	4.1	17.6	1.8	21.0	10.4	19.4	9.3	24.8	14.0	25.6	15.0	16.0	9.2	12.1	9.6	3.1	−4.2	5.0	−0.8
26	3.1	−2.5	8.3	−1.4	4.9	−2.6	20.0	2.8	21.0	10.1	20.0	9.0	24.0	13.0	24.1	14.2	19.5	8.3	9.6	6.1	9.0	1.2	2.7	−3.4
27	5.3	−3.3	9.0	−2.2	6.5	−5.2	17.0	4.5	20.6	8.8	15.4	8.2	20.1	11.2	23.2	12.6	18.9	9.8	11.1	1.4	6.2	0.7	0.8	**−3.8**
28	2.9	−4.6	7.6	1.6	13.5	−1.0	13.2	7.8	17.9	5.9	21.6	5.5	12.9	10.4	26.3	12.4	17.5	10.1	10.5	**−0.1**	5.6	3.6	8.5	−0.7
29	−0.5	−4.6			12.5	4.2	17.0	8.8	19.6	**5.4**	22.0	10.5	22.5	9.5	20.8	11.9	20.8	8.8	11.2	0.3	7.4	3.0	11.5	8.6
30	−2.2	−4.9			13.5	4.1	14.3	8.3	23.3	6.7	21.7	9.9	24.0	8.4	15.9	6.9	15.7	7.4	4.5	1.3	4.7	−0.2	11.7	5.5
31	−2.4	−4.0			11.0	4.1			24.0	8.2			25.4	9.5	21.5	**5.3**			4.3	1.7			9.7	2.1
Mittl. Max.	4.75		5.59		11.41		14.31		21.78		20.04		24.22		24.27		20.50		11.67		6.48		6.78	
Mittl. Min.	−3.70		−2.51		0.04		4.68		9.06		8.67		12.68		12.05		9.86		4.39		1.15		1.40	
Differenz	8.45		8.10		11.37		9.63		12.72		11.37		11.54		12.22		10.64		7.28		5.33		5.38	
Abs. Max.	13.5		14.6		20.1		23.6		28.1		27.2		35.3		33.2		26.3		19.5		14.4		14.5	
Abs. Min.	−16.0		−9.0		−5.9		0.4		5.4		4.2		8.2		5.3		4.9		−0.1		−5.3		−3.8	
Differenz	29.5		23.6		26.0		23.2		22.7		23.0		27.1		27.9		21.4		19.6		19.7		18.3	

1918. **Uebersicht über den täglichen Gang der Temperatur.** **Zürich.**

Abweichungen vom Monatsmittel.

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	0.00	−1.27	−1.51	−1.38	−1.60	−1.93	−1.76	**−2.05**	−1.93	−1.29	0.00	0.99	2.01	2.83	**3.42**	2.89	2.19	1.24	0.80	0.50	0.10	−0.34	−0.43	−0.57	−0.99
Febr.	0.98	−1.70	−1.98	−2.20	−2.21	−2.29	−2.38	**−2.46**	−2.04	−1.11	0.18	1.38	2.41	3.02	3.79	**3.88**	3.32	2.24	1.01	0.47	0.05	−0.32	−0.67	−0.99	−1.34
März	4.92	−2.70	−2.99	−3.34	−3.65	−3.95	**−4.18**	−3.99	−2.88	−1.08	1.24	2.74	3.93	4.78	5.40	**5.45**	4.97	4.07	1.95	0.59	0.10	0.79	1.35	1.82	2.28
April	8.65	−2.36	−2.61	−2.86	−3.17	**−3.42**	−3.36	−2.63	−1.51	−0.29	0.97	2.41	3.03	3.70	4.11	**4.15**	**4.15**	3.34	1.99	0.45	−0.27	−0.87	−1.28	−1.71	−1.97
Mai	14.65	−3.65	−4.14	−4.54	**−4.90**	−4.89	−4.22	−3.08	−1.65	0.65	2.69	3.73	4.58	4.91	5.40	**6.00**	5.08	4.16	2.87	1.14	−0.51	−1.41	−2.21	−2.76	−3.21
Juni	13.66	−3.17	−3.52	−3.86	**−4.17**	−3.98	−3.34	−2.18	−1.02	0.86	2.28	2.93	3.57	3.75	4.16	**4.47**	4.18	3.80	2.25	1.06	−0.34	−1.04	−1.78	−2.15	−2.70
Juli	17.67	−3.42	−3.80	−4.15	−4.43	**−4.52**	−3.89	−2.58	−1.38	0.65	2.55	3.80	4.24	4.16	4.74	**5.09**	5.01	4.02	2.23	0.78	−0.67	−1.28	−1.92	−2.44	−2.88
Aug.	17.17	−3.32	−3.59	−3.74	−3.94	**−4.20**	−3.93	−2.95	−1.44	0.07	2.16	3.64	4.49	**5.37**	5.33	5.13	4.59	3.96	2.55	0.23	−1.14	−1.63	−2.09	−2.50	−3.09
Sept.	14.12	−2.26	−2.53	−2.72	−2.95	−2.99	**−3.09**	−2.62	−1.62	−0.27	1.32	2.73	3.44	4.22	4.48	**4.54**	4.10	2.66	0.96	−0.22	−0.82	−1.15	−1.48	−1.68	−2.07
Okt.	7.44	−1.33	−1.48	−1.58	−1.63	−1.73	−1.87	**−1.88**	−1.28	−0.43	0.68	1.68	2.66	3.22	**3.44**	3.28	2.65	1.34	0.22	−0.27	−0.66	−1.03	−1.20	−1.31	−1.43
Nov.	3.47	−0.95	−1.10	−1.15	−1.26	−1.30	−1.32	**−1.35**	−1.12	−0.47	0.17	0.94	1.68	2.20	**2.42**	2.09	1.48	0.79	0.37	0.15	0.00	−0.31	−0.48	−0.67	−0.86
Dez.	3.75	−0.60	−0.54	−0.52	−0.48	−0.65	−0.73	**−0.77**	−0.64	−0.37	−0.19	.86	1.51	**1.67**	1.51	1.24	0.68	0.13	−0.05	−0.12	−0.20	−0.43	−0.52	−0.55	−0.53

Januar 1918. **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tagesmittel
1	17.6	17.4	16.9	16.9	16.5	16.3	16.4	16.4	16.6	17.0	17.1	17.2	17.0	16.8	17.0	17.2	17.5	18.1	18.4	18.9	19.3	20.0	20.8	21.3	17.69
2	21.3	21.2	21.2	21.3	21.6	22.0	22.3	22.8	23.1	23.3	23.4	22.9	22.7	22.5	22.5	22.6	22.8	23.0	22.8	22.8	22.4	22.3	22.4	21.4	22.40
3	22.4	22.1	21.6	21.2	21.2	20.8	21.0	21.2	21.6	22.0	22.2	22.3	22.3	22.5	23.1	23.8	24.1	24.4	25.1	25.7	25.9	26.2	26.4	26.4	23.15
4	26.2	26.3	26.7	26.7	27.0	27.0	26.9	27.4	27.7	27.9	28.2	28.4	28.2	27.8	27.5	27.5	27.5	27.4	27.6	27.9	28.1	28.2	28.0	28.1	27.51
5	27.9	28.1	28.0	28.0	28.2	28.0	28.0	28.0	28.4	28.4	28.4	28.3	27.7	26.9	26.6	26.4	26.3	26.0	25.9	25.8	25.7	25.2	24.7	24.3	27.05
6	23.7	23.4	23.0	23.0	22.4	22.4	22.2	22.0	21.7	21.2	20.6	19.5	18.5	17.9	17.2	16.6	15.9	15.4	15.2	15.0	14.8	14.3	13.6	13.2	18.86
7	12.6	12.3	11.6	10.9	10.1	09.7	09.5	09.0	08.6	08.3	07.7	06.9	06.4	05.7	05.4	05.0	04.4	04.3	03.8	03.2	03.1	02.6	01.6	01.4	06.84
8	00.8	00.6	00.4	99.4	98.8	**98**.6	99.8	01.4	03.2	03.3	04.0	04.4	05.1	06.1	06.6	07.0	08.1	09.3	10.2	10.9	11.2	11.5	11.8	12.2	05.20
9	12.4	12.8	13.3	13.6	14.3	15.8	17.1	18.7	19.9	20.8	21.2	21.5	21.9	22.1	22.7	23.2	23.6	24.0	24.1	24.3	24.2	24.2	24.1	23.5	20.14
10	22.8	22.6	22.0	21.8	21.8	22.0	22.1	22.6	23.0	23.5	23.8	23.9	24.1	24.3	24.6	24.7	25.1	25.2	25.2	25.2	25.3	25.0	24.8	24.6	23.75
11	24.2	24.0	23.6	23.5	23.4	23.0	23.0	23.0	23.1	23.1	22.9	22.4	22.1	21.7	21.8	21.6	21.8	21.4	21.5	21.4	21.4	21.3	21.0	20.5	22.36
12	20.0	19.6	19.1	18.5	18.3	17.9	17.7	17.6	17.5	17.3	16.9	16.0	15.5	14.9	14.5	14.4	14.2	13.8	13.5	13.3	12.9	12.8	12.8	12.1	15.88
13	11.7	11.7	11.5	11.4	11.2	11.2	10.9	11.0	11.2	11.5	11.4	10.9	10.7	10.7	11.0	12.0	12.9	14.1	15.4	16.4	17.5	18.4	19.0	19.4	13.05
14	19.7	20.3	20.6	20.6	20.8	21.2	21.0	21.0	21.9	22.2	22.4	21.8	21.8	22.0	22.2	22.6	22.8	22.9	23.0	22.8	22.6	22.6	22.3	22.1	21.80
15	21.5	21.2	20.5	19.8	19.3	19.3	18.9	18.8	18.4	18.9	19.2	19.0	19.0	18.7	18.8	18.9	19.0	19.0	19.2	19.2	19.1	19.4	19.4	18.8	19.30
16	18.4	18.0	17.3	17.4	16.9	16.8	16.7	16.6	17.4	17.7	17.9	17.4	16.9	16.7	16.8	17.6	18.9	18.8	20.0	21.4	22.5	23.5	23.8	23.8	18.72
17	24.0	23.9	24.1	23.9	23.7	23.4	23.2	23.4	23.8	23.2	23.2	22.8	22.3	22.2	22.0	21.7	21.9	22.3	22.4	21.9	22.0	21.8	21.6	21.4	22.73
18	21.0	20.9	20.5	20.2	20.1	20.0	19.7	19.6	19.6	19.8	19.6	18.8	18.6	18.7	18.6	18.7	18.8	19.1	19.1	19.0	19.0	19.0	19.0	19.0	19.43
19	18.8	18.8	18.4	18.3	18.3	18.5	18.7	18.8	19.0	19.3	19.3	18.7	18.2	17.8	17.7	17.8	17.8	17.7	17.5	17.2	17.1	17.4	17.7	18.2	18.21
20	18.7	18.5	18.2	18.2	17.4	17.0	16.6	16.3	16.4	16.8	17.0	16.4	15.7	14.9	14.8	15.0	15.5	15.6	15.6	15.6	15.6	15.2	14.9	15.1	16.21
21	14.5	15.0	14.7	14.8	14.7	14.6	14.8	14.6	14.5	14.7	14.7	14.4	14.3	14.1	13.9	14.1	14.1	14.2	14.2	14.4	14.4	14.2	14.4	14.6	14.45
22	14.2	14.3	13.9	13.8	13.8	14.2	14.8	14.8	14.6	14.6	14.6	14.1	13.8	13.2	13.4	14.0	14.3	14.4	14.5	14.3	14.5	14.7	14.8	15.3	14.29
23	16.2	17.1	18.0	18.3	18.4	19.4	20.2	21.2	21.8	22.4	22.7	23.1	23.2	23.4	23.8	24.3	25.3	26.0	26.7	26.9	27.3	27.8	28.3	28.7	22.94
24	29.1	29.4	30.0	30.3	30.5	30.8	31.2	31.5	31.8	32.0	32.2	31.8	31.4	31.2	31.2	31.2	31.2	31.6	31.7	32.0	32.3	32.4	32.6	32.9	31.34
25	32.8	32.9	33.0	33.0	33.0	33.2	33.6	34.0	**34**.2	34.1	**34**.2	34.0	33.6	33.2	33.2	33.1	33.1	33.2	33.2	33.2	33.1	33.2	33.3	33.2	33.36
26	33.1	33.1	33.0	32.7	32.6	32.6	32.6	32.7	32.8	33.0	32.9	32.5	32.1	31.7	31.4	31.3	31.2	31.4	31.4	31.6	31.6	31.7	31.7	31.7	32.18
27	31.6	31.5	31.4	31.4	31.4	31.5	31.6	31.8	31.8	31.8	31.8	31.5	31.2	30.8	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.8	30.9	31.0	31.18
28	31.0	30.9	30.7	30.8	30.7	30.8	31.0	31.1	31.1	31.2	31.2	30.9	30.5	30.1	30.0	30.0	30.0	30.0	30.0	30.1	30.2	30.2	30.3	30.3	30.55
29	30.2	30.2	30.3	30.2	30.2	30.2	30.3	30.5	30.6	30.7	30.6	30.4	30.0	29.6	29.6	29.6	29.8	29.8	30.0	30.0	30.0	30.1	30.1	30.0	30.13
30	30.0	29.8	29.7	29.8	29.8	29.9	29.9	30.0	30.1	30.2	30.2	29.7	29.3	29.0	29.0	29.0	29.0	29.1	29.1	29.2	29.3	29.4	29.5	29.5	29.56
31	29.5	29.5	29.4	29.5	29.6	29.7	29.8	30.0	30.2	30.3	30.3	30.3	29.9	29.8	29.8	30.0	30.0	30.2	30.3	30.5	30.6	30.7	30.9	30.9	30.07
M.	21.87	21.85	21.70	21.59	21.48	21.54	21.66	21.86	22.10	22.27	22.32	22.01	21.74	21.52	21.52	21.66	21.86	22.01	22.17	22.28	22.36	22.46	22.47	22.44	21.95

Februar 1918. (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tagesmittel
1	31.0	31.0	31.0	31.0	31.2	31.2	31.4	31.7	32.0	32.3	32.2	31.8	31.6	31.2	31.2	31.2	31.2	31.4	31.8	31.9	32.1	32.3	32.5	32.4	31.61
2	32.5	32.6	32.5	32.6	32.7	32.7	32.8	32.9	33.3	33.2	33.0	32.8	32.5	32.3	32.3	32.1	32.2	32.2	32.1	31.9	31.8	31.7	31.6	31.5	32.41
3	31.4	31.2	31.0	30.6	30.4	30.2	30.2	30.1	30.1	30.0	29.8	29.2	28.7	28.1	27.9	27.9	27.7	27.9	27.9	27.9	28.1	28.2	28.4	28.3	29.22
4	28.4	28.3	28.3	28.3	28.4	28.4	28.5	28.4	28.4	28.2	28.0	27.5	27.1	26.7	26.5	26.5	26.6	26.7	26.8	26.9	26.9	26.8	26.8	26.6	27.50
5	26.4	26.3	26.1	25.9	25.7	25.7	25.8	25.9	25.8	25.8	25.6	25.3	24.9	24.6	24.3	24.3	24.5	24.6	24.6	24.5	24.5	24.6	24.6	24.7	25.21
6	24.7	24.8	24.7	24.8	24.8	25.9	25.1	25.3	25.3	25.4	25.6	25.5	25.3	24.9	25.1	25.1	25.2	25.3	25.6	25.7	25.8	26.0	25.9	26.0	25.33
7	25.8	25.8	25.4	25.0	25.0	25.1	25.2	25.3	25.2	25.2	25.0	24.8	24.3	23.9	23.9	23.6	23.7	23.9	24.1	24.2	24.4	24.3	24.3	24.3	24.65
8	24.3	24.3	24.0	23.7	23.7	23.7	23.7	23.9	23.9	24.1	24.0	23.4	22.8	22.4	22.0	22.0	22.2	22.5	22.8	23.0	23.0	23.0	23.0	23.2	23.27
9	23.2	23.2	23.1	23.0	23.1	23.5	23.9	24.4	24.6	25.0	25.0	24.5	24.3	24.6	25.0	25.4	25.7	25.9	26.2	26.6	26.9	27.1	27.5	27.8	24.98
10	28.0	28.2	28.4	28.4	28.8	29.2	29.6	30.2	30.4	30.8	30.8	30.8	30.8	30.8	30.9	31.0	31.0	31.2	31.3	31.6	31.8	32.0	32.1	32.1	30.43
11	32.0	31.9	31.9	31.8	31.9	32.0	32.1	32.4	32.7	32.9	32.8	32.6	32.1	31.5	31.0	30.8	30.8	30.8	30.9	31.2	31.2	31.4	31.4	31.4	31.73
12	31.2	31.2	31.0	30.6	30.3	30.0	30.1	30.3	30.4	30.2	30.0	29.7	29.2	28.6	28.3	28.1	28.2	28.2	28.1	28.1	28.0	28.0	28.0	28.0	29.32
13	27.8	27.6	27.2	26.8	26.7	26.5	26.5	26.2	25.8	25.6	25.3	24.7	23.9	23.3	22.8	22.5	22.5	22.4	22.3	22.2	22.3	22.3	22.3	22.2	24.49
14	22.1	21.9	21.6	21.5	21.5	21.5	21.5	21.6	21.7	22.0	22.1	22.1	22.1	22.0	22.3	22.5	23.2	23.3	23.6	23.8	24.0	24.3	24.8	24.9	22.58
15	24.8	25.1	25.2	25.4	25.8	25.8	26.1	26.6	26.8	27.0	27.1	27.0	27.0	26.9	26.8	27.0	27.1	27.1	27.3	27.3	27.0	26.8	26.5	26.2	26.49
16	25.7	25.2	24.8	24.2	23.4	23.5	23.2	22.9	22.6	22.2	21.9	21.6	21.3	21.1	21.3	21.2	21.2	21.4	21.2	20.8	20.6	20.6	20.9	21.1	22.25
17	21.1	21.3	21.4	21.4	21.6	21.4	21.5	21.7	21.7	21.8	21.7	21.3	21.3	21.0	21.0	21.1	21.1	21.3	21.6	21.5	21.6	21.6	21.6	21.4	21.42
18	21.3	21.4	21.4	21.5	21.4	21.4	21.6	21.6	21.4	21.4	21.0	20.7	20.2	19.7	19.3	19.4	19.4	19.4	19.4	19.3	19.2	18.9	18.9	18.9	20.34
19	18.8	18.9	18.9	19.0	19.1	19.2	19.4	19.8	20.0	20.3	20.2	20.0	20.0	19.8	19.9	19.8	20.0	20.2	20.5	20.9	21.1	21.3	21.5	21.6	20.01
20	22.0	22.4	22.5	22.6	23.0	23.4	23.6	24.1	24.6	24.7	24.8	24.5	24.0	23.7	23.8	23.8	23.8	23.9	24.0	24.1	24.3	24.2	24.1	24.0	23.75
21	23.8	23.8	23.8	23.7	23.8	24.0	24.2	24.7	25.4	25.6	25.7	25.7	25.4	25.2	25.2	25.3	25.4	25.9	26.8	27.2	27.6	27.7	27.7	27.9	25.48
22	28.2	28.4	28.3	28.5	28.9	29.1	29.3	29.6	29.6	30.1	30.2	30.3	30.0	29.9	29.4	29.4	29.4	29.4	29.6	29.6	29.9	29.8	29.8	29.9	29.44
23	30.0	30.4	30.7	30.8	30.6	31.4	31.2	31.9	31.9	32.1	32.5	32.7	32.7	32.8	32.8	33.0	33.2	33.4	**33**.8	**33**.8	**33**.8	**33**.8	33.6	33.5	32.85
24	33.2	33.1	33.0	32.9	32.9	32.7	32.6	32.3	31.9	31.8	31.0	30.8	29.7	29.1	28.4	28.0	27.9	28.1	28.4	28.8	28.8	28.8	28.8	28.8	30.45
25	28.8	28.4	27.9	27.7	27.2	26.9	26.6	26.6	26.4	26.3	26.1	26.0	25.8	25.6	25.6	25.7	25.8	26.3	26.8	27.2	27.7	28.4	29.2	30.0	27.04
26	30.5	30.9	30.9	31.0	31.6	32.1	32.5	32.9	33.4	33.5	33.4	32.9	32.1	31.6	31.0	30.8	30.8	30.8	31.0	30.8	30.8	30.9	30.6	30.4	31.55
27	29.8	29.5	29.4	29.0	28.7	28.8	28.8	28.8	28.4	28.1	27.7	27.1	26.4	25.6	25.1	24.4	24.1	23.9	23.5	23.2	22.9	22.4	21.8	20.9	26.18
28	20.0	19.3	18.0	17.2	16.4	15.7	14.9	14.3	13.8	12.9	12.6	12.0	11.1	10.2	09.3	08.8	08.5	08.4	08.0	07.8	07.4	**06**.6	06.9	07.5	11.98
M.	26.67	26.66	26.51	26.39	26.38	26.46	26.50	26.66	26.70	26.71	26.61	26.31	25.95	25.61	25.44	25.38	25.44	25.56	25.71	25.78	25.84	25.85	25.90	25.91	26.12

März 1918. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tages-mittel
1	07.7	07.9	07.7	07.7	07.3	07.8	07.8	08.0	07.9	07.8	07.8	07.6	07.2	07.0	06.8	07.0	07.5	08.2	08.5	08.6	08.5	08.4	08.1	08.1	07.79
2	07.7	07.5	07.1	06.6	06.5	06.4	06.1	**05**.6	06.1	06.2	06.6	06.7	06.9	07.0	06.9	06.9	07.0	07.3	07.4	07.0	07.0	06.8	06.8	07.1	06.80
3	07.1	08.0	08.2	08.9	09.8	10.7	11.3	12.0	12.6	13.8	14.3	15.0	15.5	15.7	15.9	16.0	16.0	16.2	16.1	16.1	16.2	16.2	16.0	15.6	13.47
4	15.2	14.9	14.5	14.1	13.9	13.8	13.8	14.2	14.0	14.1	14.3	14.5	14.4	14.5	14.9	15.3	15.6	16.2	16.6	17.0	17.2	17.4	17.7	18.1	15.26
5	18.6	18.8	18.9	19.2	19.3	19.8	20.1	20.4	20.4	20.3	20.4	20.3	20.2	19.8	19.7	19.4	19.3	19.4	19.4	19.3	19.5	19.4	19.2	19.2	19.60
6	19.0	19.0	18.6	18.2	18.2	18.1	18.0	17.9	17.8	17.8	17.6	17.4	16.9	16.8	16.7	16.8	16.9	17.1	17.3	17.6	17.6	17.6	17.6	17.6	17.67
7	17.6	17.7	17.8	17.9	18.0	18.0	18.3	18.5	18.6	18.4	18.3	18.2	18.1	18.1	17.9	17.6	17.5	17.4	17.8	17.2	17.0	16.9	16.6	16.6	17.73
8	16.5	16.2	16.1	16.3	16.7	17.3	17.7	18.1	18.5	18.8	18.9	18.9	18.9	19.0	19.1	19.0	19.1	19.4	19.5	19.8	20.0	20.2	20.4	20.7	18.55
9	20.9	20.8	20.8	20.9	21.0	21.2	21.6	22.0	22.0	21.9	21.8	21.5	21.1	20.7	20.5	20.4	20.4	20.6	20.7	20.7	20.9	20.9	21.2	21.2	21.07
10	21.4	21.4	21.4	21.5	21.6	22.0	22.5	22.9	23.0	23.1	23.0	22.8	22.6	22.4	22.1	22.1	22.1	22.4	22.7	23.1	23.3	23.4	23.5	23.5	22.49
11	23.5	23.5	23.5	23.4	23.4	23.6	23.8	23.9	24.0	23.8	23.6	23.1	22.5	22.0	21.8	21.6	21.6	21.6	21.6	21.8	21.5	21.3	21.2	21.0	22.61
12	20.8	20.6	20.4	20.4	20.4	20.6	20.8	20.8	20.9	20.9	20.7	20.4	20.0	19.8	19.7	19.6	19.6	19.8	20.2	20.6	21.0	21.3	21.6	21.8	20.53
13	22.0	22.1	22.0	22.1	22.3	22.7	23.1	23.4	23.3	23.2	22.9	22.8	22.4	22.0	21.6	21.2	21.2	21.2	21.3	21.2	21.1	20.9	20.7	20.4	21.96
14	20.2	19.8	19.4	19.2	18.9	18.8	18.7	18.6	18.3	18.0	17.7	17.5	17.1	16.9	16.8	16.6	16.6	16.9	17.2	17.2	17.3	17.3	17.4	17.2	17.90
15	17.1	17.1	17.0	16.8	16.8	16.7	16.6	16.6	16.6	16.8	16.9	17.0	17.0	17.0	17.0	16.9	17.0	17.0	17.3	17.3	17.7	18.1	18.5	18.6	17.14
16	19.0	19.0	19.0	19.0	19.1	19.2	19.4	19.4	19.3	19.3	19.2	18.8	18.4	18.2	17.7	17.6	17.6	17.8	18.0	18.1	18.3	18.4	18.7	18.8	18.64
17	18.8	19.0	19.0	19.2	19.3	19.5	19.7	19.7	19.6	19.4	19.2	19.0	18.7	18.4	18.3	18.3	18.4	18.6	19.2	19.6	20.0	20.2	20.5	20.8	19.27
18	21.0	21.2	21.6	21.8	22.6	22.6	23.1	23.6	23.9	24.0	24.0	24.0	23.7	23.5	23.5	23.5	23.7	23.8	24.2	24.5	24.8	24.9	24.9	24.8	23.47
19	24.7	24.6	24.4	24.4	24.4	24.5	24.5	24.4	24.4	24.2	23.8	23.3	22.6	21.9	21.6	21.1	20.9	20.8	21.0	21.0	20.6	20.6	20.6	21.0	22.72
20	21.4	21.6	21.6	21.8	22.0	22.4	22.3	22.5	22.8	23.0	23.0	22.9	22.7	22.9	23.1	23.3	23.8	24.4	25.0	25.4	25.8	26.0	26.2	26.4	23.43
21	26.6	26.8	27.0	27.2	27.5	28.0	28.4	28.7	29.0	28.9	28.8	28.8	28.6	28.5	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.7	**29**.8	**29**.8	28.49
22	**29**.8	**29**.8	29.6	29.4	29.2	29.2	29.3	29.4	29.4	29.2	29.3	29.2	28.6	28.3	28.1	28.1	28.0	28.0	28.0	27.9	27.9	27.7	27.7	27.7	28.70
23	27.4	27.1	26.8	26.8	26.7	26.8	27.1	27.2	27.2	27.3	27.1	26.8	26.8	26.5	25.9	25.6	25.4	25.4	25.3	25.4	25.2	25.0	25.0	24.7	26.27
24	24.3	23.6	23.4	23.2	23.1	23.2	23.3	23.4	23.4	23.3	23.0	22.6	22.1	21.6	21.1	20.7	20.6	20.5	20.5	20.4	20.3	20.2	20.0	19.7	21.98
25	19.3	19.1	18.6	18.4	18.0	18.0	17.8	17.6	17.4	16.9	16.3	15.8	15.0	14.2	13.3	12.6	12.4	12.3	12.5	12.8	13.1	13.3	13.5	13.7	15.50
26	13.9	14.1	14.0	13.8	13.9	14.0	14.3	14.7	15.1	15.5	15.9	16.1	16.0	16.2	16.4	16.7	17.0	17.2	17.9	18.4	18.8	19.2	19.4	19.5	16.17
27	19.6	19.6	19.4	19.4	19.6	19.8	20.2	20.5	20.8	20.8	20.5	20.5	20.1	19.7	19.4	19.2	19.2	19.2	19.4	19.4	19.3	19.1	19.1	18.9	19.70
28	18.7	18.5	18.2	18.0	17.8	17.7	17.7	17.6	17.5	17.1	16.8	16.2	15.6	14.9	14.4	13.9	13.5	13.2	13.2	13.2	13.1	13.0	13.0	12.5	15.64
29	12.1	11.3	10.7	10.6	11.2	11.8	12.6	12.9	12.9	12.9	12.6	12.4	12.4	12.2	12.1	12.1	12.2	12.6	12.9	13.1	13.8	13.8	14.1	14.0	12.47
30	13.9	13.8	13.7	13.9	13.9	14.0	14.2	14.1	14.0	13.6	13.2	12.4	11.8	11.1	10.8	10.3	10.2	10.2	10.3	10.5	10.3	10.2	10.4	09.9	12.11
31	10.0	10.0	10.0	09.6	09.6	09.6	09.6	09.6	09.6	09.7	09.9	10.5	10.8	10.7	10.4	10.4	10.3	10.0	10.0	10.2	10.2	10.3	10.4	10.4	10.08
M.	18.57	18.53	18.40	18.38	18.45	18.64	18.83	18.97	19.04	19.03	18.95	18.81	18.54	18.31	18.12	18.01	18.04	18.18	18.37	18.50	18.60	18.64	18.70	18.69	18.55

April 1918. (700 mm +). Zürich.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tages-mittel
1	10.2	09.6	08.9	08.4	07.5	07.4	06.9	06.8	06.8	06.6	06.6	06.8	07.0	07.2	07.6	07.8	07.6	07.6	07.6	07.8	07.8	08.7	09.8	10.5	07.90
2	11.2	11.6	12.1	12.4	12.5	12.9	13.6	14.5	15.8	16.9	17.6	18.0	18.1	18.4	18.5	18.5	18.7	19.2	19.8	20.0	20.2	20.3	20.4	20.3	16.73
3	20.4	20.5	20.4	20.2	20.1	20.1	20.1	19.9	19.8	19.7	19.5	19.0	18.6	18.3	18.0	18.0	17.9	17.9	17.9	17.8	17.5	17.4	17.2	16.8	18.88
4	16.6	16.5	16.4	16.2	15.8	15.7	15.7	15.5	15.3	14.7	14.0	13.6	13.3	13.0	12.8	12.8	13.0	13.4	13.8	14.5	14.8	15.1	15.5	15.7	14.74
5	15.7	15.8	15.8	16.0	16.2	16.6	17.0	17.1	17.2	17.0	16.9	16.9	16.7	16.5	16.6	16.6	16.9	17.3	18.0	18.8	18.9	19.3	19.4	19.6	17.20
6	19.6	19.6	19.7	19.6	19.7	19.9	20.2	20.4	20.6	20.6	20.7	20.5	20.3	19.6	19.3	19.0	18.8	18.8	18.8	19.0	19.0	18.9	18.6	18.4	19.57
7	18.0	17.6	17.0	16.5	16.2	16.2	16.2	16.1	16.0	15.7	15.2	14.8	14.2	13.6	13.1	12.6	12.5	12.6	12.9	13.3	13.7	13.5	13.6	13.6	14.78
8	13.3	13.1	12.9	12.7	12.6	12.6	12.7	12.8	12.9	13.0	13.1	12.9	12.9	12.7	12.7	12.5	12.8	12.7	12.9	13.1	12.8	12.4	12.0	11.6	12.74
9	11.0	10.3	09.5	08.8	08.0	07.7	07.4	06.7	06.5	06.3	06.1	05.8	05.4	05.5	05.5	05.5	05.4	05.5	05.5	05.7	05.8	06.0	06.4	06.4	06.78
10	06.3	06.0	05.6	05.4	05.6	05.8	06.0	06.2	06.1	06.0	05.8	05.6	05.7	06.2	06.5	07.1	07.8	08.7	09.5	10.2	10.7	11.2	11.6	12.0	07.40
11	12.2	12.8	13.0	13.3	13.6	14.0	14.4	14.7	15.1	15.3	15.3	15.3	15.4	15.3	15.2	15.4	15.6	16.0	16.4	16.9	17.0	17.3	17.5	17.5	15.19
12	17.7	17.9	17.9	17.9	18.0	18.0	18.3	18.2	18.2	18.0	17.6	17.2	16.7	16.2	15.7	15.3	15.0	14.7	14.6	14.7	14.4	14.3	14.3	13.7	16.44
13	13.1	12.7	12.3	11.8	11.4	11.1	10.9	10.5	10.3	09.9	09.4	08.9	08.7	08.4	08.1	08.0	07.7	07.6	07.3	07.4	07.1	06.9	06.7	06.3	09.27
14	06.0	05.7	05.4	05.5	05.3	05.5	05.5	05.4	05.3	05.3	05.0	04.8	04.6	04.3	04.2	04.1	**04**.0	**04**.0	04.4	04.5	04.8	04.9	05.3	05.4	04.97
15	05.7	05.9	06.3	06.8	07.2	07.4	07.7	07.8	07.8	08.3	08.6	08.7	08.8	08.8	08.7	08.8	09.2	09.8	10.4	10.8	11.1	11.5	11.8	12.1	08.75
16	12.3	12.5	12.5	12.8	13.3	13.5	13.9	14.3	14.5	14.8	14.9	15.1	15.3	15.4	15.5	15.6	16.0	16.2	16.5	16.8	16.9	17.0	17.1	17.3	15.00
17	17.2	17.2	17.2	17.0	16.8	16.9	17.0	16.8	16.8	16.9	16.9	16.8	16.5	16.2	16.0	15.8	15.8	15.8	15.8	15.9	15.9	15.8	15.8	15.4	16.42
18	15.0	14.8	14.7	14.4	14.1	14.0	13.8	13.4	13.1	12.8	12.4	12.0	11.6	11.1	10.6	10.3	09.8	09.4	09.2	09.2	09.0	08.8	08.8	08.4	11.70
19	08.2	08.0	08.1	08.2	08.6	09.3	09.7	09.9	10.1	10.4	10.5	10.5	10.5	10.5	10.4	10.6	10.8	10.7	11.1	11.1	11.1	11.2	11.1	11.0	10.07
20	10.8	10.8	10.6	10.6	10.6	11.0	11.3	11.6	11.8	12.0	12.0	12.2	12.4	12.5	12.5	12.6	12.5	12.7	12.5	13.1	13.0	12.8	12.6	12.4	11.95
21	11.9	11.8	11.6	11.6	12.2	12.4	12.3	12.3	12.3	12.5	12.1	12.2	11.9	11.9	11.7	11.9	12.0	12.5	12.7	12.9	12.9	12.9	12.9	12.7	12.25
22	12.3	12.2	11.9	11.8	11.8	12.0	12.0	12.1	12.2	12.3	12.4	12.4	12.7	12.8	12.8	12.8	13.0	13.5	14.0	14.4	14.8	15.0	15.2	15.3	12.99
23	15.4	15.5	15.3	15.4	15.6	15.9	16.0	16.1	16.1	16.1	16.0	15.8	15.7	15.4	15.4	15.4	15.2	15.3	15.5	15.5	15.5	15.4	15.5	15.3	15.60
24	15.4	15.4	15.3	15.1	15.1	15.3	15.4	15.6	15.6	15.5	15.5	15.4	15.5	15.5	15.5	15.7	15.8	16.0	16.4	16.8	17.1	17.4	17.5	17.8	15.90
25	17.7	17.7	17.9	18.0	18.3	18.9	19.4	19.7	19.8	19.8	19.5	19.3	19.2	19.1	19.1	19.1	19.2	19.7	20.2	20.7	21.0	21.0	21.1	21.0	19.43
26	21.0	21.0	21.0	21.0	21.1	21.2	21.2	**21**.4	**21**.4	21.1	20.8	20.5	20.1	19.7	19.3	19.2	19.0	19.0	19.4	19.6	19.6	19.7	19.4	19.3	20.25
27	19.1	19.0	18.9	17.8	17.7	17.9	19.1	19.0	19.0	18.9	18.7	18.4	18.2	17.9	17.8	17.5	17.4	17.5	17.8	18.2	18.2	18.0	17.9	17.8	18.24
28	17.5	17.4	17.2	16.9	16.9	16.9	16.9	16.8	16.7	16.7	16.6	16.2	15.9	15.8	15.7	15.6	15.6	15.6	15.9	15.9	16.1	16.1	16.1	16.1	16.38
29	15.8	15.6	15.4	15.3	15.2	15.4	15.2	15.2	14.9	14.7	14.3	14.0	13.7	13.3	13.1	13.2	12.7	13.0	13.2	13.3	13.3	13.3	13.5	13.8	14.18
30	13.6	13.7	13.7	13.6	13.3	13.9	14.1	14.4	14.8	15.3	15.5	15.7	15.8	15.8	15.8	16.0	16.0	16.3	16.8	17.2	17.7	17.9	18.2	18.6	15.59
M.	14.01	13.94	13.82	13.70	13.69	13.85	14.00	14.04	14.09	14.10	13.95	13.84	13.71	13.56	13.46	13.44	13.46	13.63	13.89	14.17	14.26	14.33	14.43	14.40	13.91

Mai 1918. **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tagesmittel
1	18.8	19.0	19.8	19.8	20.0	20.3	21.0	21.6	22.0	22.4	22.7	23.0	23.2	23.3	23.5	23.6	23.7	24.1	24.5	24.8	25.1	25.1	25.3	25.0	22.55
2	24.8	24.8	24.7	24.6	24.8	25.0	25.2	25.2	25.1	25.0	24.9	24.8	24.6	24.2	23.8	23.6	23.4	23.3	23.4	23.6	23.6	23.6	23.6	23.6	24.30
3	23.4	23.2	23.0	22.7	22.6	22.7	22.7	22.4	22.8	21.7	21.4	20.7	20.4	20.0	19.7	19.5	19.3	19.2	19.3	19.5	19.6	19.6	19.3	19.2	20.98
4	18.9	18.8	18.8	18.8	19.0	19.2	19.3	19.3	19.4	19.2	18.9	18.5	18.1	17.7	17.2	16.9	16.6	16.6	16.7	16.7	16.8	16.7	16.7	16.4	17.97
5	15.7	15.5	15.3	15.0	15.6	15.7	16.2	16.1	15.9	15.7	15.4	14.8	14.0	13.6	13.3	13.5	13.6	13.5	13.6	13.8	13.8	13.8	14.0	14.2	14.65
6	14.4	14.6	14.8	14.7	14.8	15.0	15.0	14.8	14.3	13.8	13.3	12.7	12.4	11.7	11.3	10.7	10.3	09.6	09.6	09.2	08.8	08.2	07.7	07.4	12.05
7	07.4	07.3	07.5	07.4	07.6	07.8	07.9	07.9	07.8	07.4	07.3	07.2	07.2	06.8	**06**.4	06.6	06.9	07.6	08.5	09.6	10.2	10.7	11.2	11.6	08.07
8	11.6	11.6	11.4	11.3	11.5	11.9	12.0	12.4	12.8	12.9	13.1	13.1	13.3	13.3	13.3	13.6	13.8	14.1	14.6	14.9	15.3	15.6	15.6	15.7	13.28
9	15.6	15.6	15.3	15.2	15.3	15.4	15.4	15.3	15.2	15.0	14.5	14.2	13.7	13.2	13.1	12.9	12.9	12.8	12.8	12.9	13.1	13.1	13.0	12.9	14.10
10	13.0	12.9	12.9	12.9	13.1	13.1	13.2	13.1	12.8	12.8	12.8	12.5	12.5	12.6	12.5	12.4	12.3	12.5	12.7	13.0	13.5	13.8	14.0	14.1	12.96
11	14.2	14.3	14.5	14.3	14.4	14.6	14.7	14.8	14.7	14.7	14.6	14.6	14.4	14.1	14.0	14.1	14.3	14.5	14.7	14.9	15.1	15.0	15.1	16.1	14.61
12	16.3	16.0	15.8	15.7	15.6	15.6	15.8	15.8	16.0	16.1	16.0	16.1	16.0	15.8	16.0	15.8	15.4	15.6	16.1	16.4	16.5	16.7	16.8	16.9	16.03
13	16.9	16.9	16.7	16.7	16.7	16.9	17.1	17.1	16.9	16.6	16.2	15.8	15.6	15.3	15.0	14.6	14.3	14.2	14.0	13.9	14.0	13.9	13.7	14.2	15.55
14	13.6	13.6	13.6	13.5	13.8	14.1	14.7	15.5	15.7	16.1	16.4	16.8	17.1	17.2	17.0	17.1	17.0	17.4	17.6	17.8	18.2	18.3	18.5	18.5	16.21
15	18.4	18.4	18.4	18.2	18.5	18.7	18.7	18.8	18.6	18.5	18.4	18.3	18.0	17.8	17.6	17.5	17.3	17.5	17.5	17.7	17.9	18.0	17.9	17.8	18.10
16	17.7	17.8	18.0	18.1	18.4	18.7	19.1	19.4	19.5	19.6	19.7	19.6	19.4	19.1	18.8	18.7	18.5	18.5	18.7	18.9	19.1	19.1	19.2	19.2	18.87
17	19.0	18.9	18.9	18.9	19.1	19.3	19.5	19.5	19.3	18.9	18.7	18.5	18.3	17.9	17.8	17.5	17.6	17.8	18.1	18.5	18.7	18.7	18.8	18.8	18.63
18	18.9	19.2	19.3	19.3	19.7	19.7	19.9	20.0	19.9	19.9	19.8	19.6	19.4	19.2	19.0	19.0	19.0	19.1	19.6	19.9	20.2	20.5	20.8	20.8	19.65
19	20.8	21.0	21.0	21.2	21.6	22.0	22.2	22.5	22.5	22.5	22.2	22.1	21.9	21.8	21.4	21.3	21.6	22.0	22.5	23.0	23.3	23.3	23.5	23.4	22.11
20	23.3	23.0	23.2	23.2	23.5	23.7	23.8	24.1	23.8	23.7	23.4	23.0	22.7	22.3	22.0	21.7	21.7	21.9	22.1	22.6	23.1	23.2	23.3	23.0	22.97
21	22.7	22.7	22.7	22.9	23.0	23.3	23.5	23.5	23.5	23.3	23.2	23.0	22.7	22.3	21.9	21.7	21.7	21.5	21.8	22.1	22.5	22.7	22.9	23.1	22.67
22	23.5	23.4	23.6	23.6	23.8	23.9	24.1	24.1	23.9	23.8	23.6	23.4	23.0	22.7	22.3	22.0	21.8	21.8	21.9	22.1	22.4	22.7	22.9	23.2	23.06
23	23.1	23.3	23.4	23.6	23.8	24.0	24.2	24.1	24.0	23.9	23.5	23.2	22.9	22.6	22.2	21.9	22.0	22.4	22.6	23.2	23.4	23.8	24.0	24.0	23.30
24	23.8	23.6	23.3	23.2	23.2	23.2	23.1	22.8	22.6	22.0	21.6	20.8	20.2	19.6	19.2	19.2	19.1	19.2	19.5	20.0	20.5	21.0	21.2	20.9	21.37
25	20.7	20.7	20.6	20.7	20.8	21.1	21.2	21.4	21.2	21.1	21.0	20.7	20.5	20.4	20.1	20.0	19.9	19.8	19.9	20.1	20.4	20.5	20.4	20.2	20 56
26	20.0	19.7	19.4	19.2	19.4	19.6	19.6	19.6	19.5	19.3	19.2	19.6	19.6	19.0	19.1	19.0	18.8	19.0	18.9	19.2	19.5	19.6	19.7	19.7	19.38
27	19.6	19.4	19.4	19.5	19.7	20.0	20.2	20.3	20.3	20.2	20.3	20.4	20.5	20.7	20.7	20.8	20.9	21.3	21.7	22.2	22.6	22.7	23.0	23.0	20.81
28	23.2	23.0	23.0	23.2	23.4	23.7	23.8	24.0	24.0	23.9	24.0	23.8	23.5	23.3	23.0	22.9	22.8	22.9	23.0	23.1	23.2	23.3	23.1	22.9	23.33
29	22.6	22.5	22.3	22.4	22.6	22.6	22.7	22.8	22.7	22.7	22.5	22.5	22.6	22.5	22.3	22.2	22.2	22.4	22.4	22.5	22.6	23.0	23.0	22.8	22.56
30	22.7	22.6	22.6	22.7	22.9	23.1	23.2	23.2	23.2	23.1	23.0	22.9	22.9	22.9	22.8	22.8	22.8	23.2	23.3	23.5	24.0	24.2	24.4	24.3	23.18
31	24.3	24.5	24.5	24.6	24.8	25.0	25.3	25.3	25.0	24.9	24.8	24.8	24.6	24.4	24.2	24.0	24.0	24.2	24.4	24.5	24.9	25.2	25.3	**25**.4	24.70
M.	19.00	18.96	18.94	18.94	19.13	19.32	19.49	19.57	19.50	19.38	19.24	19.07	18.88	18.62	18.40	18.29	18.24	18.37	18.58	18.84	19.09	19.21	19.29	19.30	18.99

Juni 1918. (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tagesmittel
1	25.3	25.3	25.4	25.5	25.7	25.8	26.2	26.1	26.0	25.8	25.8	25.7	25.4	25.2	25.0	24.9	24.6	24.7	25.1	25.7	26.3	26.6	26.6	26.4	25.63
2	26.2	25.9	25.6	25.5	25.4	25.4	25.3	25.3	25.2	24.9	24.5	24.2	23.9	23.5	23.1	22.8	22.4	22.3	22.4	22.4	22.7	22.8	22.8	22.7	24.05
3	22.6	22.3	22.2	22.1	22.2	22.1	21.8	21.8	21.7	21.4	21.2	20.8	20.4	20.0	19.7	19.5	19.3	19.2	19.3	19.5	19.9	20.0	20.1	20.0	20.80
4	19.7	19.5	19.5	19.4	19.5	19.7	19.8	19.9	20.1	20.0	20.0	20.2	20.5	20.6	20.6	20.6	20.7	21.0	21.3	21.3	21.3	21.2	21.0	20.7	20.34
5	20.5	20.3	20.2	20.3	20.3	20.4	20.6	20.6	20.8	20.9	20.9	20.9	21.2	21.3	21.9	21.5	21.3	21.4	21.4	21.6	21.9	22.0	21.8	21.5	21.06
6	21.3	21.2	21.2	21.3	21.4	21.5	21.6	21.6	21.5	21.3	21.3	21.1	21.0	21.0	20.9	20.9	21.0	21.0	21.3	21.6	22.0	22.1	22.2	22.4	21.40
7	22.4	22.4	22.5	22.8	23.1	23.4	23.5	23.6	23.7	23.7	23.7	23.7	23.5	23.6	23.5	23.5	23.5	23.6	24.0	24.4	24.8	25.0	25.2	25.5	23.69
8	25.5	25.4	25.4	25.6	26.0	26.4	26.6	**26**.7	26.6	26.5	26.4	26.2	25.9	25.8	25.7	25.5	25.4	25.4	25.7	26.0	26.5	26.5	26.6	26.6	26.04
9	26.5	26.4	26.2	26.2	26.0	26.0	26.0	25.7	25.2	24.9	24.5	23.9	23.1	22.4	21.8	21.2	20.6	20.3	20.2	20.1	20.2	19.8	19.6	19.1	23.16
10	18.7	18.2	17.8	17.2	16.8	16.3	16.2	16.9	17.3	17.4	17.7	17.7	17.7	17.9	18.0	18.1	17.9	18.0	18.1	18.1	18.2	17.8	17.8	17.7	17.65
11	17.4	17.2	17.0	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.1	16.9	16.8	16.7	16.5	16.6	16.4	16.6	16.6	17.1	17.5	17.4	17.5	17.3	16.98
12	17.2	17.2	17.1	17.1	17.3	17.5	17.9	18.3	18.6	18.8	18.8	19.0	19.2	19.3	19.4	19.5	19.7	20.0	20.3	20.5	21.1	21.3	21.2	21.4	19.07
13	21.6	21.8	22.0	22.3	22.6	22.6	22.9	23.0	23.3	23.3	23.2	23.0	22.9	22.9	22.8	22.9	22.7	22.6	22.8	23.1	23.4	23.4	23.3	23.3	22.82
14	23.4	23.5	23.4	23.4	23.3	23.1	23.0	22.8	22.5	22.2	22.0	21.5	20.9	20.4	19.9	19.5	19.3	19.1	18.9	18.8	18.8	18.7	18.4	18.0	21.03
15	17.6	17.1	17.0	16.8	16.6	16.2	16.1	15.9	15.6	15.2	14.9	14.8	14.7	14.9	14.7	14.1	13.6	14.4	14.6	14.6	14.7	14.8	14.7	14.2	15.38
16	14.0	13.8	13.6	13.2	12.9	12.8	13.2	13.9	14.6	14.8	14.9	14.5	14.3	14.2	14.1	14.0	13.9	13.5	13.3	13.3	13.3	13.2	12.9	12.3	13.69
17	12.3	11.4	11.0	11.1	10.7	10.4	09.8	09.3	**08**.9	09.2	09.5	10.5	11.2	11.9	12.5	12.5	12.9	13.0	13.7	14.3	14.6	14.9	15.4	16.0	11.96
18	15.9	16.2	16.5	17.2	17.5	17.9	18.5	18.7	18.9	19.3	19.7	20.0	20.1	20.0	20.0	19.7	19.4	19.2	19.2	19.2	19.3	19.2	18.9	18.6	18.71
19	18.4	18.3	18.2	18.1	18.2	18.2	18.3	18.2	18.1	18.0	17.8	17.3	17.1	16.9	16.7	16.7	16.6	16.8	17.0	17.3	17.7	17.6	17.5	17.6	17.61
20	17.3	17.2	17.2	17.3	17.5	17.7	17.9	18.1	18.0	17.8	18.0	18.1	18.6	18.7	18.9	19.2	19.3	19.6	20.1	20.3	20.8	21.0	21.1	20.9	18.77
21	20.6	20.4	20.2	20.0	19.9	19.8	19.6	19.4	19.0	19.0	19.1	19.1	19.1	19.5	19.8	20.1	20.4	20.5	20.9	21.2	21.6	21.6	21.2	20.9	20.12
22	20.7	20.2	19.8	19.4	19.2	19.2	19.3	19.4	19.6	19.7	19.9	19.9	19.8	19.9	19.8	19.5	19.5	19.5	19.6	20.0	20.3	20.3	20.2	20.2	19.79
23	20.1	20.0	20.1	20.5	20.8	21.2	21.1	20.9	20.7	20.7	20.8	20.9	21.3	21.2	21.4	22.3	22.6	22.7	23.0	23.2	23.4	23.4	23.3	23.3	21.62
24	23.3	23.4	23.5	23.5	23.4	23.3	23.2	22.9	22.5	21.9	21.4	20.7	20.2	19.8	19.4	18.9	18.7	18.8	18.9	18.9	19.0	18.9	18.8	19.0	20.98
25	19.0	18.8	18.8	19.2	19.4	19.6	20.0	20.2	20.2	20.2	20.2	20.2	19.9	19.6	19.5	19.1	18.8	18.6	18.5	18.5	18.8	18.7	18.7	18.6	19.30
26	18.4	18.0	17.8	17.7	18.0	18.0	17.8	17.5	17.7	17.8	17.9	18.2	18.3	18.3	18.4	18.4	18.5	18.3	18.3	18.0	18.5	18.1	17.9	17.8	18.07
27	17.9	17.5	17.2	17.2	16.6	16.5	16.3	18.3	18.3	18.9	18.8	19.4	19.6	20.0	20.2	20.4	20.3	20.4	20.5	20.7	20.9	21.1	21.2	21.2	19.14
28	21.3	21.0	21.1	21.3	21.3	21.3	21.5	21.4	21.3	21.1	21.0	20.7	20.4	20.5	20.5	20.3	20.1	20.1	20.2	20.4	20.7	20.9	21.1	20.9	20.85
29	20.8	20.7	20.9	21.3	21.6	21.5	21.4	22.0	22.0	22.1	22.1	21.7	21.7	21.4	21.4	21.4	21.3	21.5	21.5	21.6	21.9	21.9	21.8	21.7	21.55
30	21.6	21.5	21.4	21.4	21.4	21.4	21.6	21.5	21.3	21.1	20.7	20.1	19.5	19.2	18.9	18.7	18.4	18.3	18.4	18.6	19.0	19.1	19.2	19.1	20.06
M.	20.25	20.07	19.99	20.03	20.05	20.07	20.13	20.23	20.21	20.17	20.13	20.03	19.94	19.89	19.83	19.74	19.64	19.68	19.84	20.01	20.30	20.31	20.27	20.16	20.04

Juli 1918. **Stündliche Barometerstände** (700 mm +). **Zürich.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	18.8	18.5	18.2	18.1	18.3	18.2	18.1	18.0	17.7	17.5	17.2	16.9	16.9	16.9	16.9	16.9	16.8	16.9	17.1	17.6	18.0	18.1	18.1	18.1	17.66
2	18.3	18.5	18.7	19.0	19.1	19.5	19.9	20.1	20.1	20.2	20.3	20.3	20.3	20.1	20.1	20.1	20.4	21.0	21.2	21.4	21.6	21.7	21.6	21.6	20.21
3	21.4	21.3	21.4	21.4	21.4	21.5	21.8	21.9	21.9	21.8	21.5	21.4	21.4	21.6	21.9	22.3	22.6	23.0	23.2	23.6	23.8	24.0	23.9	23.9	22.25
4	23.7	23.6	23.6	23.7	23.7	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	23.9	23.8	23.7	23.7	23.7	23.9	23.9	24.1	24.2	24.1	23.8	23.85
5	23.6	23.6	23.4	23.4	23.3	23.4	23.5	23.5	23.5	23.4	23.3	23.3	23.0	22.7	22.5	22.2	22.1	22.1	22.2	22.3	22.5	22.6	22.8	22.6	22.95
6	22.3	22.1	21.9	21.8	21.9	22.2	22.3	22.5	22.2	22.2	22.3	22.3	22.5	22.4	22.3	22.1	22.0	21.9	21.8	21.9	21.9	21.9	21.8	21.8	22.10
7	22.0	22.0	22.1	22.2	22.6	22.7	22.7	22.6	22.5	22.5	22.4	22.2	22.0	22.0	21.9	21.7	21.6	21.4	21.3	21.4	21.7	21.7	21.7	21.6	22.02
8	21.6	21.6	21.4	21.2	21.0	20.8	20.5	20.2	19.8	19.4	19.2	18.7	18.4	18.0	17.6	17.1	16.7	16.5	16.5	16.5	16.8	16.8	16.7	16.2	18.72
9	16.0	15.8	15.7	15.9	16.1	16.3	16.3	16.4	16.4	16.5	16.5	16.3	16.0	16.0	15.9	16.3	16.8	16.9	17.1	17.3	17.2	17.4	17.3	17.3	16.49
10	16.7	16.3	16.1	16.3	16.3	16.5	16.7	17.2	17.8	18.2	18.4	18.3	18.5	18.6	18.4	18.0	17.8	17.6	17.4	17.1	17.3	18.8	19.2	19.7	17.61
11	19.9	20.0	20.1	20.5	20.6	20.6	20.5	20.4	20.4	20.5	20.5	20.2	20.1	19.9	19.8	19.4	19.2	19.0	19.0	19.3	19.9	19.9	20.1	20.2	20.00
12	20.1	19.9	19.6	19.6	19.6	19.4	19.3	19.0	18.5	18.4	18.2	18.1	17.9	17.8	17.7	17.5	17.6	17.8	18.1	18.5	18.8	19.2	19.3	19.4	18.72
13	19.7	19.7	19.9	20.1	20.3	20.8	21.0	21.1	21.1	21.0	20.7	20.6	20.6	20.6	20.3	20.0	20.0	20.0	19.8	20.2	20.5	20.5	20.7	20.6	20.41
14	20.4	20.3	20.2	20.1	20.1	20.3	20.0	19.9	19.8	19.9	20.2	20.6	20.4	20.9	20.6	20.5	20.3	20.4	20.8	21.0	21.3	21.5	21.5	21.3	20.51
15	21.5	21.5	21.5	21.6	21.7	21.7	21.9	22.1	22.0	22.0	21.9	21.5	21.2	20.9	20.9	20.9	20.8	20.8	20.6	20.8	21.1	21.0	20.8	20.9	21.32
16	20.7	20.5	20.4	20.4	20.6	20.7	20.6	20.6	20.3	20.0	20.0	19.6	19.4	19.3	19.3	19.1	19.1	19.2	19.1	19.1	19.5	19.7	19.6	19.7	19.85
17	19.7	19.7	19.7	19.9	20.1	20.2	20.2	19.9	19.7	19.2	18.8	18.6	18.2	17.7	17.5	17.0	16.7	16.5	16.7	16.9	17.1	16.6	16.6	16.8	18.33
18	17.3	18.1	18.7	19.4	19.3	19.4	19.6	19.7	20.1	20.5	20.4	20.5	20.4	20.6	20.7	20.6	21.2	21.7	22.1	22.7	23.3	24.0	24.4	24.7	20.81
19	24.8	24.9	24.9	25.0	25.1	25.2	25.2	25.1	25.1	25.0	24.6	24.2	23.9	23.7	23.0	22.9	22.5	22.4	22.4	22.4	23.1	23.1	23.1	23.0	23.94
20	22.7	22.2	21.8	21.5	21.4	21.4	21.0	20.7	20.1	19.5	18.7	18.3	17.7	17.3	16.6	15.9	15.4	15.5	15.5	15.6	16.2	16.5	17.8	18.5	18.66
21	18.6	18.4	18.5	19.2	19.9	20.4	20.8	21.2	21.2	21.2	21.0	20.9	20.7	20.8	20.6	20.7	20.5	20.7	21.1	21.5	21.9	22.0	22.1	22.0	20.66
22	21.6	21.4	21.2	21.3	21.2	20.9	20.9	20.5	20.2	19.9	19.5	19.1	18.7	18.1	17.7	17.3	17.1	17.0	17.2	17.5	17.6	17.5	17.4	17.3	19.09
23	16.8	16.6	16.6	16.6	16.5	16.8	17.1	16.9	16.9	16.6	16.3	16.2	16.5	16.4	15.7	15.2	15.2	15.4	15.5	15.6	15.7	16.6	17.1	17.5	16.85
24	17.5	17.6	17.7	17.7	17.8	18.1	18.4	18.5	18.5	18.5	18.6	18.6	18.6	18.7	18.7	18.9	19.3	19.5	19.8	20.2	20.5	20.7	20.7	20.6	18.90
25	20.5	20.4	20.3	20.4	20.6	21.0	21.2	21.3	21.3	21.3	21.4	21.1	20.9	20.8	20.6	20.4	20.5	20.5	20.6	20.8	21.2	21.1	21.3	20.9	20.85
26	21.0	20.7	20.4	20.1	19.8	19.9	20.0	19.9	19.3	19.3	19.2	18.9	18.5	18.2	18.0	17.7	17.5	17.5	17.8	17.7	17.9	17.9	17.5	17.2	18.83
27	16.7	16.4	16.0	16.6	16.7	16.9	17.0	16.9	16.9	16.9	16.8	16.3	16.6	16.2	15.9	15.9	16.2	16.8	16.8	17.0	17.4	17.5	17.8	17.6	16.74
28	17.7	17.7	17.8	18.1	18.2	18.6	19.1	19.5	19.9	20.4	20.8	21.2	21.8	22.2	22.5	22.8	23.0	23.2	23.4	23.6	23.9	24.0	24.1	24.0	21.15
29	23.8	23.7	23.5	23.5	23.6	23.5	23.7	23.6	23.4	23.0	22.9	22.7	22.5	22.4	22.3	22.2	22.2	22.2	22.1	22.1	22.3	22.4	22.1	22.1	22.83
30	21.9	21.7	21.7	21.8	21.7	21.7	21.7	21.5	21.3	21.1	21.0	20.9	20.5	19.9	19.8	19.5	19.4	19.3	19.4	19.7	20.0	20.2	20.3	20.3	20.68
31	20.0	19.9	19.7	19.8	19.9	19.9	20.0	19.9	19.9	19.8	19.8	19.8	19.6	19.4	19.3	19.2	19.1	19.0	19.1	19.3	19.6	19.8	19.8	19.8	19.64
M.	20.24	20.15	20.09	20.20	20.27	20.40	20.48	20.47	20.38	20.31	20.20	20.05	19.93	19.81	19.64	19.48	19.46	19.53	19.63	19.82	20.12	20.27	20.36	20.36	20.07

August 1918. (700 mm +). **Zürich.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	19.1	19.0	18.9	18.7	18.8	18.0	19.3	19.3	19.0	18.9	18.7	18.4	18.2	18.0	17.7	17.4	17.2	17.0	17.0	17.1	17.1	17.1	16.9	16.6	18.06
2	16.4	16.2	15.9	15.6	15.5	15.1	15.0	14.9	15.5	16.4	16.1	16.1	16.7	16.8	17.2	17.1	16.9	16.9	16.9	17.2	17.2	17.6	17.6	17.5	16.43
3	17.0	17.2	17.1	17.1	17.2	17.3	17.6	17.5	17.1	17.0	16.8	16.7	16.5	16.1	15.8	15.6	15.4	15.3	15.2	15.5	15.5	15.3	15.9	15.9	16.40
4	17.0	16.7	16.6	16.9	16.9	16.9	17.1	17.1	17.3	17.2	17.2	17.2	17.0	17.6	17.6	17.8	17.8	17.7	18.0	18.5	18.7	18.8	19.0	19.0	17.57
5	18.8	19.0	18.8	18.8	18.9	19.1	19.1	19.3	19.5	19.3	19.1	19.0	18.8	18.7	18.6	18.4	18.3	18.1	18.2	18.4	18.3	18.2	18.0	17.8	18.69
6	17.6	17.2	17.0	16.9	16.9	16.8	16.9	16.9	16.7	16.5	16.3	15.9	15.6	15.3	15.1	14.7	14.8	14.7	14.8	15.3	15.3	16.1	16.7	17.0	16.15
7	17.2	17.5	17.6	17.7	17.9	18.1	18.2	18.5	18.8	19.3	19.6	19.8	19.9	20.1	20.2	20.4	20.8	21.0	21.3	21.9	22.3	22.5	22.6	22.5	19.82
8	22.4	22.3	22.5	22.5	22.6	22.9	23.2	23.2	23.2	23.1	23.1	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.8	23.1	23.3	23.5	23.8	23.7	22.95
9	23.3	22.9	22.8	22.8	22.9	22.8	22.7	22.6	22.5	22.3	22.0	21.7	21.7	21.8	21.6	22.2	22.9	23.5	23.8	23.9	24.1	24.2	24.2	23.9	22.88
10	23.8	23.0	23.0	23.0	23.2	23.5	24.2	24.3	24.2	24.3	24.3	24.3	24.3	24.5	24.6	24.9	24.9	25.0	25.3	25.5	25.7	25.7	25.5	25.2	24.43
11	24.8	24.7	24.5	24.4	24.4	24.3	24.2	24.3	24.2	24.2	24.0	23.8	23.5	23.3	23.1	22.9	22.7	22.4	22.5	22.9	23.1	23.4	23.3	23.4	23.68
12	23.2	23.3	23.2	23.0	23.1	23.2	23.4	23.4	23.7	23.4	23.7	23.4	23.3	22.8	22.6	22.5	22.3	22.3	22.5	23.0	23.1	23.4	23.6	23.8	23.13
13	23.6	23.3	23.2	23.3	23.5	23.7	23.8	23.9	24.0	24.0	23.7	23.4	23.4	23.6	23.5	23.4	23.5	23.4	23.8	24.4	24.4	24.7	24.7	24.7	23.79
14	24.4	24.1	24.1	24.1	24.0	24.0	24.1	24.1	24.3	24.1	23.9	23.6	23.3	22.9	22.7	22.5	22.3	22.0	22.0	22.0	22.0	21.9	21.8	21.9	23.17
15	21.7	21.7	21.9	22.0	22.1	22.3	22.4	22.4	22.4	22.2	22.1	22.0	21.8	21.6	21.4	21.2	21.1	21.1	21.2	21.4	21.6	21.6	21.6	21.6	21.77
16	21.6	21.5	21.5	21.5	21.6	21.9	22.2	22.2	22.2	22.0	21.8	21.5	21.3	21.0	20.5	20.3	20.3	20.1	20.1	20.4	20.4	20.3	20.2	20.0	21.10
17	19.9	19.9	19.8	19.8	19.9	20.1	20.4	20.4	20.8	20.9	20.7	20.7	20.9	20.9	21.0	21.3	21.5	21.7	22.2	22.5	22.5	22.8	22.8	22.8	21.09
18	22.5	22.3	22.2	22.1	22.3	22.6	22.7	22.7	22.6	22.3	22.2	22.0	21.6	21.4	21.3	21.3	21.1	21.2	21.3	21.8	22.0	22.0	22.0	22.2	21.99
19	22.2	22.1	21.8	21.7	22.1	22.8	22.9	23.0	23.0	22.8	22.8	22.7	22.7	22.9	23.0	22.9	23.2	23.4	23.8	24.5	24.6	24.6	24.8	24.7	23.12
20	24.7	24.7	24.6	24.8	24.8	25.0	25.0	25.3	25.5	25.5	25.5	25.5	25.2	24.8	24.7	24.8	24.8	24.8	25.0	25.4	25.7	25.8	25.9	26.1	25.16
21	26.0	26.0	26.0	26.0	26.2	26.4	26.6	26.6	26.7	26.7	26.5	26.4	26.3	26.1	25.9	25.8	25.7	25.7	25.8	26.2	26.2	26.2	26.2	26.1	26.18
22	26.0	26.1	26.1	26.0	26.1	26.4	26.5	26.5	26.3	26.0	25.6	25.2	24.7	24.1	23.5	23.1	22.6	22.3	22.1	22.3	22.4	22.5	22.5	22.8	24.49
23	22.8	22.8	22.6	22.4	22.6	22.7	22.7	22.6	22.4	22.2	21.9	21.5	21.2	20.8	20.3	19.9	19.6	19.5	19.5	19.7	20.2	19.7	20.0	19.9	21.23
24	20.3	20.5	19.9	19.8	19.0	19.8	19.4	19.6	19.7	19.9	19.8	19.4	19.5	19.6	20.2	20.3	19.6	19.4	19.1	19.4	19.7	20.0	20.5	21.0	19.77
25	20.0	20.0	19.9	20.1	20.2	20.1	20.6	20.6	20.7	20.7	20.5	20.3	19.9	19.5	19.2	18.8	18.6	18.3	18.3	18.5	18.5	18.5	18.3	17.9	19.50
26	17.8	17.9	17.8	17.8	17.9	18.2	18.4	18.5	18.5	18.5	18.4	18.2	18.2	18.1	18.2	18.3	18.3	18.5	18.9	19.4	19.6	19.5	19.7	19.8	18.52
27	19.8	19.8	19.9	19.9	19.9	20.0	20.4	20.6	20.7	20.6	20.4	20.2	20.3	20.2	20.1	20.2	20.1	20.1	20.2	20.5	20.5	20.8	20.2	20.1	20.20
28	19.8	19.5	19.6	19.7	19.8	19.9	19.9	19.8	19.6	19.3	18.9	18.6	18.2	18.0	17.5	17.4	17.6	17.8	18.3	19.0	19.4	19.6	19.7	19.7	19.03
29	19.6	19.6	19.7	19.8	19.7	20.0	20.2	20.3	20.6	20.6	20.8	20.5	20.5	20.1	20.1	20.1	19.9	20.3	20.8	21.2	21.3	21.4	21.2	20.8	20.38
30	20.4	20.2	20.2	20.5	21.5	22.1	22.6	23.2	23.8	24.1	24.1	24.2	24.1	23.8	23.4	23.4	23.6	23.6	23.6	23.9	23.8	23.7	23.6	23.6	22.96
31	22.8	22.5	22.1	21.8	21.8	21.9	21.6	21.3	20.9	20.4	20.0	19.3	19.0	18.5	18.0	17.7	17.5	17.4	17.4	17.6	17.3	17.1	16.9	16.7	19.48
M.	21.18	21.08	21.09	20.97	21.07	21.21	21.40	21.45	21.50	21.44	21.31	21.11	20.98	20.83	20.69	20.63	20.57	20.55	20.70	21.05	21.17	21.23	21.28	21.25	21.07

September 1918. **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tages-mittel.
1	16.2	15.9	15.2	15.1	14.9	15.0	15.5	15.3	15.2	15.0	14.6	14.0	13.8	13.4	13.2	13.0	13.1	13.4	13.7	14.4	14.6	15.0	15.5	15.8	14.62
2	15.9	16.2	16.2	16.1	16.0	16.3	16.6	16.6	17.1	17.2	17.3	17.4	17.3	17.1	17.0	17.0	17.1	17.2	17.5	18.1	18.3	18.6	18.8	18.8	17.15
3	18.9	18.9	19.0	19.0	19.0	19.4	19.7	19.5	19.7	20.0	20.1	20.3	20.3	20.3	20.4	20.6	20.8	21.2	21.5	21.7	21.7	21.9	21.8	21.8	20.31
4	21.4	21.0	21.0	20.7	20.7	20.8	21.0	21.1	21.0	20.7	20.4	19.9	19.6	19.0	18.8	18.8	18.6	18.8	18.9	19.1	19.1	19.1	19.0	19.0	19.90
5	19.0	18.9	18.4	18.3	18.5	18.6	18.7	19.2	19.7	20.0	19.8	19.6	19.6	19.9	19.8	19.7	19.7	19.7	19.7	20.0	20.1	20.2	20.5	20.0	19.48
6	19.9	19.7	19.2	19.4	19.6	19.6	20.0	19.9	20.1	20.2	20.8	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.6	22.0	22.1	22.0	21.8	21.6	20.75
7	21.4	21.4	21.2	21.1	21.1	21.1	21.2	20.8	20.8	20.4	19.9	19.7	19.5	19.3	19.1	18.6	18.3	17.7	17.2	17.1	16.6	16.6	18.2	18.6	19.45
8	18.2	17.7	17.6	17.2	16.8	16.4	16.4	16.5	16.8	16.5	16.4	16.4	16.0	16.0	15.6	15.4	15.5	15.3	15.6	16.2	16.4	16.2	16.2	15.8	16.38
9	15.5	14.9	15.2	16.3	16.5	16.8	17.7	18.2	18.6	18.8	18.9	18.8	18.3	18.1	18.2	18.2	18.2	18.4	18.6	18.7	18.6	18.4	18.2	17.8	17.75
10	17.4	17.0	16.9	16.6	16.5	16.0	15.8	15.6	15.3	14.9	14.6	14.0	13.9	13.5	13.5	13.5	13.4	13.6	13.9	14.7	15.4	15.6	15.3	15.2	15.09
11	15.5	15.4	15.2	15.0	14.3	14.5	14.8	15.3	15.2	15.2	15.1	14.9	14.1	14.0	14.0	14.2	14.4	14.1	14.0	13.8	13.5	12.9	12.3	11.8	14.31
12	11.5	11.5	12.1	13.2	13.5	14.5	14.6	14.8	14.8	14.8	14.4	14.4	14.1	13.8	13.6	13.8	14.1	14.5	15.0	15.8	17.2	17.4	18.1	18.3	14.58
13	18.4	18.6	18.6	18.8	19.0	19.6	20.0	20.6	20.9	21.2	21.3	21.3	21.4	21.5	21.6	21.8	22.0	22.3	23.0	23.6	23.9	24.1	24.1	24.1	21.32
14	24.1	24.1	24.1	24.0	24.1	24.3	24.5	24.4	24.4	24.3	24.2	23.8	23.5	23.3	23.0	22.8	22.6	22.6	22.9	23.1	23.1	23.1	23.3	23.3	23.62
15	23.3	23.3	23.3	23.4	23.4	23.6	23.6	23.8	23.9	23.7	23.2	22.8	22.5	22.0	21.6	21.4	21.4	21.2	21.4	21.5	21.4	21.2	21.0	21.0	22.45
16	21.0	20.9	20.9	20.8	20.8	21.0	21.0	21.0	21.0	20.8	20.4	20.1	19.8	19.6	19.2	19.0	18.9	18.8	19.0	19.2	19.0	19.1	18.8	18.7	19.95
17	18.4	18.6	18.7	18.5	18.6	19.0	19.1	19.2	19.5	19.9	20.2	20.7	21.0	20.9	20.6	20.6	20.6	20.5	20.6	20.5	20.4	20.4	20.4	19.9	19.87
18	19.4	19.1	18.4	18.3	18.3	18.4	18.5	18.9	20.3	20.7	20.2	20.2	20.2	19.8	19.6	19.5	19.6	19.6	20.2	21.3	20.6	20.6	20.3	20.2	19.67
19	20.1	19.8	19.5	19.4	20.3	20.5	20.2	20.5	21.1	21.1	20.8	20.6	20.4	20.0	19.6	19.4	20.2	20.2	21.0	21.3	21.7	21.5	20.9	20.5	20.44
20	20.5	20.5	20.1	19.5	19.0	19.8	21.6	23.2	25.2	25.9	26.0	26.1	26.0	26.7	26.4	26.5	25.9	25.7	25.8	25.7	25.5	25.2	25.0	24.4	24.01
21	24.3	23.9	23.6	23.2	23.2	23.2	23.0	23.2	23.6	23.8	23.2	23.2	22.8	22.6	22.6	22.5	22.6	22.6	22.6	22.4	22.2	21.9	21.5	20.9	22.36
22	20.4	19.9	19.4	18.8	18.5	18.5	18.1	17.6	17.3	16.6	16.0	16.6	15.8	15.0	14.8	14.2	13.5	13.3	13.8	13.3	13.1	12.2	11.6	10.7	15.79
23	10.2	09.5	09.6	09.4	08.8	08.4	08.7	09.3	09.4	08.9	08.7	08.8	08.7	08.6	08.0	08.2	08.6	09.0	09.8	10.9	11.1	11.3	11.2	11.1	09.43
24	10.7	10.9	10.8	11.0	11.4	11.6	12.2	12.7	13.6	14.5	15.1	15.3	15.9	15.8	16.0	16.5	16.4	17.4	18.2	19.2	19.2	19.6	19.6	19.8	15.14
25	19.6	19.5	19.2	19.3	19.9	20.0	20.2	20.0	20.3	20.4	20.3	20.6	21.1	21.6	21.8	21.7	21.8	22.0	22.8	23.2	23.6	23.6	23.6	23.6	21.24
26	23.7	23.5	23.3	23.3	23.5	23.7	24.0	24.0	24.0	23.9	23.9	23.5	22.9	22.3	22.0	21.6	21.3	21.3	21.5	21.5	21.5	21.3	21.1	20.8	22.64
27	20.8	20.6	20.2	20.3	20.3	20.2	20.2	20.2	20.3	19.9	19.8	19.8	19.4	19.2	19.0	19.1	19.4	19.6	20.2	20.3	20.4	20.4	20.2	19.8	19.98
28	19.6	19.2	19.0	18.8	18.6	18.6	18.5	18.5	18.4	18.4	18.5	18.4	18.1	17.9	17.6	17.4	17.9	18.4	19.0	19.3	19.6	19.5	19.2	19.1	18.65
29	19.0	19.0	18.8	18.7	18.6	18.6	18.7	18.7	18.8	18.7	18.2	17.8	17.3	16.8	16.4	16.4	16.4	16.4	16.4	16.2	15.9	15.3	14.7	14.4	17.34
30	14.4	14.2	14.2	13.9	13.3	13.6	13.4	13.2	14.1	13.9	14.0	14.2	14.7	15.4	16.1	16.6	17.4	18.2	18.7	19.0	19.3	19.7	19.8	19.9	15.88
M.	18.62	18.45	18.30	18.25	18.23	18.39	18.58	18.73	19.01	19.01	18.88	18.81	18.64	18.49	18.34	18.31	18.36	18.47	18.80	19.10	19.17	19.13	19.07	18.89	18.67

Oktober 1918. (700 mm +). Zürich.

Tag	1 30	2 30	3 30	4 30	5 30	6 30	7 30	8 30	9 30	10 30	11 30	12 30	13 30	14 30	15 30	16 30	17 30	18 30	19 30	20 30	21 30	22 30	23 30	0 30	Tages-mittel
1	20.1	19.9	19.7	19.6	19.9	20.0	20.3	20.5	20.7	20.7	20.6	20.5	20.3	20.2	20.3	20.4	20.8	21.1	21.4	21.8	22.3	22.6	22.8	23.3	20.83
2	23.4	23.2	23.1	23.4	23.5	23.9	24.4	24.8	25.2	25.3	25.4	25.4	25.3	25.4	25.4	25.5	25.7	26.1	26.5	26.8	26.9	26.9	26.9	26.7	25.21
3	26.6	26.3	25.7	25.5	25.6	25.7	25.7	25.5	25.1	24.9	24.5	24.0	23.5	23.1	22.7	22.3	22.2	22.2	22.2	22.0	21.6	21.3	20.8	20.4	23.72
4	20.2	20.0	19.7	19.6	19.1	19.3	19.3	19.3	19.1	18.9	19.0	18.9	18.6	18.3	18.2	18.1	18.2	18.3	18.8	19.3	19.5	19.9	20.0	20.1	19.15
5	20.3	20.4	20.6	20.9	21.1	21.6	22.1	22.7	23.1	23.7	23.9	24.0	24.0	24.2	23.9	24.0	24.6	25.2	25.5	25.5	25.6	25.6	25.9	25.8	23.51
6	25.9	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.1	25.0	24.8	24.7	24.7	24.8	24.8	25.3	25.8	26.0	25.9	26.0	26.3	26.0	25.43
7	26.1	25.8	25.8	25.7	25.5	25.5	25.5	25.4	25.2	24.9	24.7	24.1	23.5	23.0	22.7	22.1	22.0	22.1	22.0	22.1	22.0	21.6	20.9	20.5	23.70
8	20.3	19.6	19.2	18.8	19.2	19.0	19.0	19.6	19.9	20.3	20.4	20.5	20.3	20.3	20.1	20.3	20.5	20.6	21.0	20.8	20.7	20.6	20.9	20.7	20.11
9	20.5	20.7	20.8	20.9	21.2	21.7	22.2	22.6	22.9	23.2	23.2	23.4	23.2	23.6	23.8	23.8	24.1	24.5	24.9	25.0	24.9	24.8	24.6	24.5	23.12
10	24.4	24.2	24.4	24.4	24.7	24.8	25.2	25.5	25.6	25.6	25.5	25.4	25.0	24.5	24.1	23.4	23.3	23.2	23.0	22.7	22.4	22.2	21.8	21.6	24.04
11	21.2	21.0	20.6	20.2	20.2	20.0	20.0	20.0	19.9	19.5	19.4	18.9	18.6	18.3	18.0	17.7	17.7	17.7	17.8	17.9	18.0	18.0	17.7	17.4	18.99
12	17.4	17.1	16.9	16.9	16.9	17.0	17.0	17.0	16.7	16.5	16.4	15.8	15.3	14.8	14.5	14.4	14.2	14.4	14.4	14.4	14.5	14.6	14.8	15.1	15.71
13	15.1	15.2	15.2	15.2	15.3	15.4	15.5	15.3	15.6	15.7	15.8	15.9	15.8	15.9	16.1	16.2	16.5	17.0	17.3	17.4	17.5	17.5	17.3	17.2	16.12
14	17.0	16.7	16.6	16.5	16.4	16.5	16.7	16.8	16.5	16.0	15.8	15.4	15.0	14.8	14.5	14.6	14.6	14.9	14.9	14.9	14.8	14.8	14.3	14.1	15.55
15	14.0	13.8	13.6	13.4	13.4	13.2	13.1	13.1	12.7	12.3	12.0	11.6	11.1	11.2	11.1	11.2	11.4	11.5	11.7	11.8	12.2	12.2	12.3	12.4	12.35
16	12.3	12.1	11.8	11.6	11.4	11.4	11.6	11.8	12.0	12.1	12.2	12.6	12.5	12.6	12.6	12.6	12.7	12.9	13.1	13.1	13.2	13.3	13.1	13.1	12.40
17	13.1	12.8	12.8	12.8	12.8	12.8	13.0	13.2	13.0	12.8	12.8	12.8	12.7	12.7	12.6	12.7	12.8	13.0	13.2	13.3	13.3	13.4	13.2	13.2	12.95
18	13.2	13.1	13.2	13.3	13.6	13.7	13.8	14.2	14.2	14.2	14.5	14.0	13.9	14.0	14.1	14.0	14.1	14.2	14.1	14.0	14.0	14.0	14.1	14.2	13.90
19	14.1	13.9	13.3	13.4	13.4	13.4	13.8	13.8	13.8	13.6	14.0	14.0	13.8	13.7	13.9	14.1	14.4	14.8	14.9	15.1	15.2	15.4	15.5	15.9	14.22
20	16.3	16.7	17.0	17.1	17.3	17.4	17.8	18.4	18.9	19.2	19.7	19.8	19.7	20.1	20.4	20.6	20.8	21.3	21.4	21.4	21.8	22.0	22.2	22.4	19.57
21	22.6	22.5	22.6	22.6	22.6	22.8	23.2	23.6	23.7	23.9	24.0	23.8	23.8	23.7	23.7	23.6	23.6	23.8	23.8	23.8	23.9	24.0	23.6	23.6	23.45
22	23.2	22.8	22.4	22.0	21.6	20.9	20.8	21.1	21.3	20.8	20.8	20.6	20.4	20.6	20.8	21.0	21.5	21.7	22.0	22.4	22.6	22.6	22.4	22.5	21.62
23	22.3	22.0	21.6	21.4	21.2	21.0	21.1	21.1	20.7	20.3	19.8	19.1	18.4	18.1	17.6	17.2	16.9	16.8	16.8	16.8	16.7	16.6	16.4	16.3	19.01
24	16.0	15.8	15.8	16.1	16.1	16.1	16.4	16.6	16.8	16.6	16.6	16.3	16.1	15.9	15.9	15.9	16.1	16.2	16.4	16.4	16.3	16.1	15.8	15.8	16.17
25	15.5	15.1	14.9	14.9	14.8	14.6	14.8	14.8	14.6	14.6	14.6	14.2	14.0	13.8	13.6	13.4	13.4	13.6	13.7	13.6	13.8	13.8	13.8	13.8	14.24
26	13.8	13.7	13.7	13.8	14.0	14.3	14.7	15.1	15.6	15.8	16.3	16.4	16.3	16.5	16.7	16.9	17.2	17.6	17.7	17.9	18.2	18.3	18.5	18.7	16.15
27	19.0	19.1	19.0	19.2	19.6	19.7	20.2	20.4	20.4	20.8	21.0	21.0	20.9	21.2	21.4	21.5	21.7	22.3	22.9	23.3	24.0	24.1	24.3	24.5	21.31
28	24.6	24.6	24.8	25.1	25.3	25.6	26.1	26.3	26.4	26.5	26.4	26.3	26.2	26.0	26.2	26.4	26.4	26.7	26.7	26.8	27.1	27.1	27.5	27.6	26.20
29	27.5	27.5	27.3	27.7	27.7	27.5	27.7	28.0	28.2	28.3	28.2	27.6	27.2	27.0	26.7	26.8	26.7	26.8	26.8	26.8	26.7	26.6	26.3	26.3	27.25
30	26.3	26.1	26.0	26.1	26.1	26.1	26.2	26.2	26.2	25.8	25.4	24.9	24.4	24.0	23.8	23.6	23.4	23.4	23.0	22.9	22.9	22.7	22.4	22.2	24.59
31	21.8	21.4	21.2	21.0	20.6	20.2	20.3	20.4	20.2	20.2	20.0	19.5	19.1	18.7	18.3	18.1	18.2	18.2	18.1	18.0	17.8	17.4	17.1	16.8	19.28
M.	19.81	19.64	19.51	19.50	19.53	19.56	19.77	19.95	19.99	19.94	19.94	19.73	19.47	19.38	19.30	19.26	19.37	19.59	19.73	19.81	19.88	19.87	19.79	19.77	19.67

November 1918. **Stündliche Barometerstände** (700 mm +). **Zürich.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	16.6	16.6	16.5	16.5	16.6	16.6	16.8	17.0	17.1	17.2	17.0	16.4	15.9	15.4	15.4	15.4	15.4	15.5	15.6	15.6	15.8	15.7	15.3	15.1	16.13
2	15.1	15.5	15.4	14.7	14.8	15.0	15.4	15.6	15.4	15.4	15.3	14.8	14.3	14.0	13.8	13.6	13.6	13.7	13.8	13.8	13.8	13.6	13.4	13.1	14.45
3	12.8	12.6	12.4	12.5	12.4	12.4	12.6	12.9	12.7	12.5	12.2	11.8	11.5	11.4	11.6	11.9	12.2	12.0	12.4	12.8	13.2	13.6	13.8	13.8	12.50
4	14.0	14.0	14.3	14.8	14.5	14.8	15.2	16.0	16.5	17.2	17.4	17.4	17.1	17.3	17.5	18.0	18.7	19.2	19.6	19.8	19.9	20.1	20.2	20.3	17.24
5	20.4	20.6	20.7	20.9	20.9	21.1	21.1	21.3	21.4	21.6	22.0	22.3	22.3	22.2	21.7	21.7	21.5	21.6	21.6	21.7	22.2	22.4	22.2	22.2	21.57
6	22.2	22.3	22.0	21.7	21.5	21.2	20.8	20.4	20.2	20.0	19.5	19.1	18.8	18.6	18.6	18.4	18.4	18.7	18.8	18.5	18.6	18.8	19.3	19.2	19.82
7	19.2	19.2	19.0	19.0	19.2	19.4	19.5	19.7	19.4	19.4	19.4	19.2	20.1	20.2	20.2	20.4	20.7	21.6	22.2	22.5	22.4	22.4	22.6	22.4	20.39
8	22.4	22.4	22.1	21.8	21.8	21.8	22.1	22.3	22.5	22.3	22.0	21.6	21.4	21.4	21.5	21.6	21.9	22.4	22.7	23.0	23.0	23.4	23.4	23.7	22.27
9	24.2	24.7	25.0	25.4	25.5	25.8	26.1	26.5	27.0	27.4	27.6	27.5	27.4	27.5	27.5	27.9	28.3	28.8	29.0	29.2	29.8	30.0	30.1	30.4	27.44
10	30.4	30.4	30.6	30.7	30.8	30.7	30.7	31.0	30.7	30.6	30.6	30.3	29.9	29.6	29.6	29.5	29.5	29.5	29.5	29.5	29.5	29.2	29.2	28.8	30.03
11	28.8	28.6	28.5	28.2	28.1	28.3	28.4	28.4	28.2	28.2	27.8	27.2	26.8	26.5	26.4	26.2	26.0	25.8	26.0	26.0	25.8	25.8	25.6	25.8	27.14
12	25.8	25.7	25.8	25.6	25.4	25.6	25.6	26.0	25.8	26.2	26.2	25.8	25.6	25.4	25.4	25.6	25.8	26.0	26.0	26.0	25.8	25.9	26.2	26.4	25.82
13	26.2	26.3	26.2	26.7	26.9	26.6	26.5	26.8	27.0	27.3	27.2	27.1	26.8	26.8	26.8	26.9	27.0	27.1	27.1	27.0	27.0	26.6	26.5	26.3	26.78
14	26.1	26.0	25.8	25.6	25.4	25.4	25.6	25.7	25.6	25.5	25.4	25.2	24.5	24.4	24.5	24.6	24.7	24.7	24.6	24.7	24.6	24.3	24.3	24.2	25.06
15	24.1	23.9	23.6	23.4	23.3	23.3	23.4	23.6	23.5	23.6	23.8	22.7	22.2	22.2	22.1	22.2	22.3	22.4	22.2	22.3	22.1	21.9	22.0	22.0	22.82
16	22.0	21.8	21.7	21.5	21.2	21.1	21.1	21.0	20.8	20.9	20.9	20.4	20.1	20.0	20.0	19.6	19.5	19.6	19.6	19.6	19.6	19.5	19.6	19.5	20.44
17	19.2	19.0	18.7	18.6	18.4	18.4	18.5	18.4	18.4	18.5	18.3	18.1	17.8	17.8	17.7	17.9	18.1	17.9	17.9	17.8	18.0	17.9	18.0	18.0	18.22
18	18.0	18.0	18.0	17.8	17.8	17.8	17.9	18.4	18.7	19.0	19.0	18.7	18.9	19.1	19.5	19.7	20.2	20.5	20.9	21.0	21.2	21.4	21.5	21.7	19.36
19	21.8	22.2	22.1	22.1	22.3	22.5	22.7	23.0	23.5	23.3	23.7	23.5	23.4	23.2	23.2	23.4	23.7	23.9	24.3	24.4	24.5	24.6	24.6	24.6	23.37
20	24.7	24.7	24.7	24.5	24.7	24.6	24.6	24.7	25.1	25.4	25.4	24.9	24.6	24.1	24.5	24.5	24.6	24.7	24.7	24.7	24.6	24.5	24.4	24.3	24.68
21	24.1	23.9	23.6	23.6	23.7	23.5	23.7	24.0	24.0	24.1	23.7	23.1	22.7	22.6	22.8	22.6	22.7	22.8	22.8	22.8	23.0	23.0	22.9	22.9	23.28
22	22.6	22.7	22.5	22.4	22.5	22.6	22.7	22.9	22.9	22.9	22.4	21.9	21.5	21.0	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.3	21.2	21.2	21.82
23	21.0	20.9	20.6	20.7	20.5	20.7	20.8	21.0	21.0	21.1	20.7	20.4	20.1	20.0	20.1	20.1	20.2	20.0	20.1	19.9	19.9	19.9	20.0	20.0	20.40
24	20.0	20.4	20.2	20.1	20.0	20.1	20.2	20.4	20.4	20.3	19.8	19.2	18.8	18.2	18.0	17.9	17.9	17.9	17.9	17.8	17.8	17.6	17.7	17.6	19.01
25	17.4	17.3	17.0	16.8	16.7	16.6	16.7	17.0	17.2	17.2	16.8	16.4	16.1	16.0	15.9	16.0	16.3	16.4	16.5	16.4	16.4	16.4	16.4	16.3	16.59
26	16.1	16.1	16.1	16.3	16.5	16.7	16.9	17.3	17.7	18.1	17.7	17.3	17.2	17.0	16.8	17.2	17.4	17.4	17.2	17.3	17.3	17.0	16.6	16.3	16.98
27	15.8	15.5	14.9	14.5	14.0	13.7	13.5	13.4	13.2	13.5	13.3	13.3	13.3	13.5	14.0	14.9	15.8	16.4	17.2	17.6	17.9	18.2	18.2	18.1	15.15
28	18.2	18.3	18.3	18.5	18.6	19.0	19.4	20.0	20.2	20.8	20.8	20.7	20.8	20.9	20.9	21.2	21.1	20.8	20.3	20.3	19.9	19.6	19.2	18.7	19.86
29	18.0	17.7	17.0	16.5	16.0	15.7	15.9	16.1	16.1	16.6	16.5	16.5	16.4	16.7	16.9	17.2	17.6	17.6	17.6	17.6	17.7	17.8	17.8	17.7	16.97
30	17.6	17.5	17.5	17.6	17.7	17.9	18.2	18.8	19.0	19.3	19.5	19.6	19.7	20.2	20.5	20.9	21.3	21.8	22.3	22.7	22.9	23.1	23.8	23.9	20.14
M.	20.83	20.83	20.70	20.63	20.59	20.63	20.75	20.99	21.04	21.20	21.05	20.75	20.53	20.44	20.48	20.60	20.78	20.92	21.05	21.11	21.17	21.18	21.20	21.15	20.86

Dezember 1918. (700 mm +). **Zürich.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	24.0	24.2	24.6	24.8	25.0	25.6	26.1	26.2	26.4	26.7	26.6	26.4	25.9	26.0	26.6	26.5	26.7	26.9	27.0	27.1	27.0	26.7	26.6	26.4	26.08
2	26.5	26.5	26.5	26.4	26.1	26.1	26.2	26.3	26.3	26.3	26.1	25.8	25.3	25.1	25.0	24.8	24.6	24.4	24.4	24.6	24.6	24.3	24.3	24.1	25.44
3	24.0	23.8	23.4	23.2	23.1	23.0	23.3	23.3	23.5	23.8	23.8	23.6	23.1	22.7	22.7	22.8	22.7	22.7	23.0	23.0	22.9	23.0	23.1	23.0	23.19
4	23.0	23.1	22.9	23.0	23.3	23.6	23.6	23.7	24.0	24.3	24.3	23.9	23.6	23.3	23.7	23.8	24.2	24.3	24.4	24.5	24.6	24.7	24.9	24.9	23.90
5	24.8	24.8	24.6	24.1	23.8	23.8	24.0	24.2	24.5	24.7	24.1	23.8	23.2	22.6	22.5	22.5	22.7	22.8	22.6	22.6	22.4	22.0	21.8	21.4	23.35
6	21.0	20.6	20.1	19.8	19.7	19.6	19.5	19.5	19.6	19.5	19.2	18.6	18.2	17.9	17.8	17.8	17.7	17.7	17.8	17.8	17.9	18.1	18.2	18.5	18.84
7	18.8	19.2	19.0	19.0	19.0	19.1	19.4	19.7	19.9	20.1	19.9	19.6	19.3	19.0	18.8	18.8	18.6	18.5	18.4	18.0	17.9	17.6	17.6	17.5	18.86
8	17.3	17.3	17.3	17.3	17.4	17.5	17.7	17.9	18.0	18.1	18.2	18.4	18.5	18.6	18.9	19.0	19.1	19.2	19.3	19.6	19.7	19.8	20.2	20.3	18.53
9	20.4	21.0	21.0	21.2	21.2	21.4	21.6	22.0	22.2	22.4	22.6	22.4	22.4	22.4	22.7	22.6	22.7	22.8	23.0	23.0	23.0	23.0	23.0	22.9	22.20
10	23.0	23.0	22.9	22.7	22.5	22.4	22.7	22.9	23.0	23.3	23.2	23.0	22.8	22.8	23.0	23.0	23.4	23.4	23.4	23.5	23.5	23.6	23.5	23.6	23.09
11	23.6	23.7	23.8	23.9	24.3	24.3	24.6	24.6	24.7	24.8	24.4	23.6	22.6	21.9	21.8	21.6	21.2	20.6	20.0	19.2	19.6	19.8	20.1	20.6	22.47
12	20.8	21.3	21.7	22.0	22.1	22.6	23.1	23.6	23.9	24.0	23.8	23.5	23.5	23.4	23.5	23.8	23.2	23.0	22.7	22.6	22.6	22.6	22.6	22.2	22.84
13	22.2	22.3	22.5	22.6	22.8	23.1	22.7	22.6	23.0	23.0	23.1	23.1	23.2	23.3	23.9	24.3	24.6	25.2	25.7	26.0	26.0	26.3	26.8	27.3	23.98
14	27.8	28.2	28.3	28.3	28.3	28.4	28.6	29.1	29.6	30.0	29.9	29.8	29.6	29.5	29.7	29.8	30.5	30.3	30.4	30.5	30.5	30.5	30.3	30.2	29.50
15	30.2	30.3	30.2	29.8	29.6	29.5	29.6	29.6	29.5	29.4	29.0	28.4	28.0	27.7	27.6	27.2	27.0	26.9	26.7	26.4	26.1	25.9	25.8	25.6	28.17
16	25.4	25.3	25.3	25.1	25.2	25.2	25.5	25.5	25.4	25.8	25.0	24.5	24.1	23.6	23.3	23.2	22.9	22.8	22.7	22.6	22.4	22.2	22.0	22.0	24.02
17	22.0	22.1	22.0	22.0	21.8	21.6	21.7	21.9	22.3	22.4	22.1	21.8	21.6	21.6	21.7	21.7	21.4	21.4	21.4	21.5	21.6	21.9	22.4	22.5	21.85
18	22.4	22.7	22.6	22.0	21.7	21.5	21.4	21.3	21.3	21.0	20.0	18.9	18.2	17.5	16.9	16.4	16.2	15.5	14.6	13.5	12.5	11.2	10.4	09.5	17.88
19	09.1	08.0	06.9	05.6	05.6	05.2	06.4	06.6	07.0	06.8	06.6	06.7	06.2	06.5	06.2	06.3	07.0	07.2	08.0	08.4	08.2	07.8	08.3	08.3	07.04
20	08.1	08.1	07.7	07.2	07.0	06.5	06.4	06.8	07.1	06.8	07.2	07.4	07.6	08.0	08.9	09.6	10.1	10.7	11.3	11.9	12.2	12.3	13.1	13.2	08.97
21	13.5	14.1	14.9	15.6	16.4	17.0	17.7	18.7	19.5	20.3	20.5	20.4	20.4	20.7	21.0	21.1	21.2	20.8	20.6	20.4	19.9	19.2	18.8	18.8	18.81
22	18.3	17.5	16.8	16.4	16.1	15.6	15.7	15.8	15.8	15.8	15.2	14.9	14.7	14.6	14.8	15.0	15.2	15.2	14.6	14.2	13.8	13.2	12.5	11.6	15.14
23	12.0	11.9	11.9	11.8	11.5	11.4	11.4	12.0	11.6	11.7	10.9	09.7	09.3	09.2	08.9	09.6	10.0	10.3	10.9	11.2	11.9	12.3	12.5	12.8	11.09
24	13.0	13.8	14.0	14.1	14.1	13.9	13.9	13.9	14.2	14.6	14.4	13.6	13.1	12.8	12.6	12.6	12.3	12.1	11.8	11.5	11.4	11.4	12.1	13.3	13.10
25	13.9	14.3	14.8	15.0	15.3	15.5	15.7	16.0	16.4	16.5	16.3	16.2	16.0	16.2	16.4	16.6	16.9	17.0	17.2	17.4	17.4	17.6	17.9	17.9	16.27
26	18.2	18.7	19.2	19.3	19.6	20.0	20.5	21.0	21.6	22.1	22.3	22.3	22.3	22.4	22.7	22.9	23.3	23.6	24.0	24.1	24.5	24.6	24.4	24.5	22.00
27	24.4	24.9	25.2	25.3	25.0	24.6	24.8	24.9	25.3	25.5	25.2	24.6	23.9	23.7	23.4	23.6	23.2	23.0	22.7	22.5	22.3	22.0	22.0	21.5	23.90
28	21.1	20.9	20.8	20.7	20.4	20.2	19.7	19.7	19.4	19.1	18.8	18.3	17.7	16.9	16.9	16.4	16.2	16.2	16.0	15.7	15.8	15.7	15.8	15.7	18.09
29	15.6	15.9	15.9	15.8	15.6	15.6	15.6	15.8	15.9	16.3	16.2	16.0	15.4	15.6	15.4	15.4	15.4	15.4	15.4	15.4	15.2	15.1	15.2	15.4	15.60
30	15.5	15.4	15.1	14.7	14.4	14.2	14.1	14.3	14.2	14.4	14.0	13.2	12.3	11.7	10.9	10.2	09.4	08.9	08.7	08.4	08.0	07.7	07.4	06.7	11.82
31	06.1	05.8	06.2	06.3	07.6	08.1	08.8	09.7	10.4	10.4	10.2	09.9	09.7	09.6	10.2	10.5	10.6	11.2	11.6	12.2	12.3	12.8	13.1	13.4	09.86
M.	19.55	19.63	19.62	19.50	19.53	19.55	19.74	19.97	20.18	20.30	20.10	19.75	19.41	19.25	19.30	19.34	19.36	19.35	19.37	19.33	19.28	19.19	19.25	19.21	19.55

1918. **Tägliche Maxima und Minima der Barometerstände.** Zürich.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	21.3	16.3	32.5	31.0	08.6	06.8	10.5	06.6	25.3	18.8	26.6	24.6	18.8	16.8	19.3	16.6	16.2	13.0	23.3	19.6	17.2	15.1	27.1	24.0
2	23.4	21.2	33.3	31.5	07.7	**05.6**	20.4	11.2	25.2	23.3	26.2	22.3	21.7	18.3	17.6	14.9	18.8	15.9	26.9	23.1	15.6	13.1	26.5	24.1
3	26.4	20.8	31.4	27.7	16.2	07.1	20.5	16.8	23.4	19.2	22.6	19.2	24.0	21.3	17.6	15.2	21.9	18.9	26.6	20.4	13.8	**11.4**	24.0	22.7
4	28.4	26.2	28.5	26.5	18.1	13.8	16.6	12.8	19.4	16.4	21.3	19.4	24.2	23.6	19.0	16.6	21.4	18.6	20.2	18.1	20.3	14.0	24.9	22.9
5	28.4	24.3	26.4	24.3	20.4	18.6	19.6	15.7	16.2	13.3	22.0	20.2	23.6	22.1	19.5	17.8	20.5	18.3	25.9	20.3	22.4	20.4	24.8	21.4
6	23.7	13.2	26.0	24.7	19.0	16.7	20.7	18.4	15.0	07.4	22.4	20.9	22.5	21.8	17.6	**14.7**	22.1	19.2	26.3	24.7	22.3	18.4	21.0	17.7
7	12.6	01.4	25.8	23.6	18.6	16.6	18.0	12.5	11.6	**06.4**	25.5	22.4	22.7	21.3	22.6	17.2	21.4	16.6	26.1	20.5	22.6	19.0	20.1	17.5
8	12.2	**98.6**	24.3	22.0	20.7	16.1	13.3	11.6	15.7	11.3	**26.7**	25.4	21.6	16.2	23.8	22.3	18.2	15.3	21.0	18.8	23.7	21.4	20.3	17.3
9	24.3	12.4	27.8	23.0	22.0	20.4	11.0	05.4	15.6	12.8	26.5	19.1	17.4	15.7	24.2	21.6	18.9	14.9	25.0	20.5	30.4	24.2	23.0	20.4
10	25.3	21.8	32.1	28.0	23.5	21.4	12.0	05.4	14.1	12.3	18.7	16.2	19.7	16.1	25.7	23.0	17.4	13.4	25.6	21.6	**31.0**	28.8	23.6	22.4
11	24.2	20.5	32.9	30.8	24.0	21.0	17.5	12.2	16.1	14.0	17.5	16.4	20.6	19.0	24.8	22.4	15.5	11.8	21.2	17.4	28.8	25.6	24.8	19.2
12	20.0	12.1	31.2	28.0	21.8	19.6	18.3	13.7	16.9	15.4	21.4	17.1	20.1	17.5	23.8	22.3	18.3	11.5	17.4	14.2	26.4	25.4	24.0	20.8
13	19.4	10.7	27.8	22.2	23.4	20.4	13.1	06.3	17.1	13.7	23.4	21.6	21.1	19.7	24.7	23.2	24.1	18.4	17.5	15.1	27.3	26.2	27.3	22.1
14	23.0	19.7	24.9	21.5	20.2	16.6	06.1	**04.0**	18.5	13.5	23.5	18.0	21.5	19.8	24.4	21.8	24.5	22.6	17.0	14.1	26.1	24.2	**30.5**	27.8
15	21.5	18.4	27.3	24.8	18.6	16.6	12.1	05.7	18.8	17.3	17.6	13.6	22.1	20.6	22.4	21.1	23.9	21.0	14.0	**11.1**	24.1	21.9	30.3	25.6
16	23.8	16.6	25.7	20.6	19.4	17.6	17.3	12.3	19.7	17.7	14.9	12.3	20.7	19.1	22.2	20.0	21.0	18.7	13.3	11.4	22.0	19.5	25.5	22.0
17	24.1	21.4	21.8	21.0	20.8	18.3	17.2	15.4	19.5	17.5	16.0	**08.9**	20.2	16.5	22.8	19.8	21.0	18.4	13.4	12.6	19.2	17.7	22.5	21.4
18	21.0	18.6	21.6	18.9	24.9	21.0	15.0	08.4	20.8	18.9	20.1	15.9	24.7	17.3	22.7	21.1	21.3	18.3	14.2	13.1	21.7	17.8	22.7	09.5
19	19.3	17.1	21.6	18.8	24.7	20.6	11.2	08.0	23.5	20.8	18.4	16.6	**25.2**	22.4	24.8	21.7	21.7	19.4	15.9	13.3	24.6	21.8	09.1	**05.2**
20	18.7	14.8	24.8	22.0	26.4	21.4	13.1	10.6	24.1	21.7	21.1	17.2	22.7	15.4	26.1	24.6	**26.7**	19.0	22.4	16.3	25.4	24.1	13.2	06.4
21	15.0	13.9	27.9	23.7	**29.8**	26.6	12.9	11.6	23.5	21.5	21.6	19.0	22.1	18.4	**26.7**	25.7	24.3	20.9	24.0	22.5	24.1	22.6	21.2	13.5
22	15.3	13.2	30.3	28.2	**29.8**	27.7	15.3	11.8	24.1	21.8	20.7	19.2	21.6	17.0	26.5	22.1	20.4	10.7	23.2	20.4	22.9	20.9	18.3	11.6
23	28.7	16.2	**33.8**	30.0	27.4	24.7	16.1	15.2	24.2	21.9	23.4	20.0	17.5	**15.2**	22.8	19.5	11.3	**08.0**	22.3	16.3	21.1	19.9	12.8	08.9
24	32.8	29.1	33.2	27.9	24.3	19.7	17.8	15.1	23.8	19.1	23.5	18.7	20.7	17.5	21.0	19.0	19.8	10.7	16.8	15.8	20.4	17.6	14.6	11.4
25	**34.2**	32.8	30.0	25.6	19.3	12.3	21.1	17.7	21.4	19.8	20.2	18.5	21.4	20.3	20.7	17.9	23.6	19.2	15.5	13.4	17.4	15.9	17.9	13.9
26	33.1	31.2	33.5	30.4	19.5	13.8	**21.4**	19.0	20.0	18.8	18.5	17.5	21.0	17.2	19.8	17.8	24.0	20.8	18.7	13.7	18.1	16.1	24.6	18.2
27	31.8	30.6	29.8	20.9	20.8	18.9	19.1	17.4	23.0	19.4	21.2	16.3	17.8	15.9	20.7	19.8	20.8	19.0	24.5	19.0	18.2	13.2	25.5	21.5
28	31.2	30.0	20.0	**06.6**	18.7	12.5	17.5	15.6	24.0	22.8	21.5	20.1	24.1	17.7	19.9	17.4	19.6	17.4	27.6	24.6	21.2	18.2	21.1	15.7
29	30.7	29.6			14.1	10.6	15.8	12.7	23.0	22.2	22.1	20.7	23.8	22.1	21.4	19.6	19.0	14.4	**28.3**	26.3	18.0	15.7	16.3	15.1
30	30.2	29.0			14.2	09.9	18.6	13.6	24.4	22.6	21.6	18.3	21.9	19.3	24.2	20.2	19.9	13.2	26.3	22.2	23.9	17.5	15.5	06.7
31	30.9	29.4			10.8	09.6			**25.4**	24.0			20.0	19.0	22.8	16.7			21.8	16.8			13.4	05.8
Mittl. Max.	24.35		28.08		20.25		15.97		20.43		21.56		21.52		22.33		20.58		21.36		22.34		21.50	
Mittl. Min.	19.71		24.44		16.86		12.09		17.60		18.52		18.71		19.79		16.58		17.97		19.59		17.18	
Differenz	4.64		3.64		3.39		3.88		2.83		3.04		2.81		2.54		4.00		3.39		2.75		4.32	
Abs. Max.	34.2		33.8		29.8		21.4		25.4		26.7		25.2		26.7		26.7		28.3		31.0		30.5	
Abs. Min.	98.6		06.6		05.6		04.0		06.4		08.9		15.2		14.7		08.0		11.1		11.4		05.2	
Differenz	35.6		27.2		24.2		17.4		19.0		17.8		10.0		12.0		18.7		17.2		19.6		25.3	

1918. **Uebersicht über den täglichen Gang des Luftdruckes.** Zürich.

Abweichungen vom Monatsmittel.

	Mittel 700 +	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Amplitude
Januar	21.95	–.08	–.10	–.25	–.36	**–.47**	–.41	–.29	–.09	.15	.32	.37	.06	–.21	–.43	–.43	–.29	–.09	.06	.22	.33	.41	.51	**.52**	.49	.99
Februar	26.12	.55	.54	.39	.27	.26	.34	.38	.54	.58	**.59**	.49	.19	–.17	–.51	–.68	**–.74**	–.68	–.56	–.41	–.34	–.28	–.27	–.22	–.21	1.33
März	18.55	.02	–.02	–.15	–.17	–.10	.09	.28	.42	**.49**	.48	.40	.26	–.01	–.24	–.43	**–.54**	–.51	–.37	–.18	–.05	.05	.09	.15	.14	1.03
April	13.91	.10	.03	–.09	–.21	–.22	–.06	.09	.13	.18	.19	.07	–.07	–.20	–.35	–.45	**–.47**	–.45	–.28	–.02	.26	.35	.42	**.52**	.49	.99
Mai	18.99	.01	–.03	–.05	–.05	.14	.33	.50	**.58**	.51	.39	.25	.08	–.11	–.37	–.59	–.70	**–.75**	–.62	–.41	–.15	.10	.22	.30	.31	1.33
Juni	20.04	.21	.03	–.05	–.01	.01	.03	.09	.19	.17	.13	.09	–.01	–.10	–.15	–.21	–.30	**–.40**	–.36	–.20	–.03	.26	**.27**	.23	.12	.67
Juli	20.07	.17	.08	.02	.13	.20	.33	**.41**	.40	.31	.24	.13	–.02	–.14	–.26	–.43	–.59	**–.61**	–.54	–.44	–.25	.05	.20	.29	.29	1.02
August	21.07	.11	.01	–.08	–.10	.00	.14	.33	.38	**.43**	.37	.24	.04	–.09	–.24	–.38	–.44	–.50	**–.52**	–.37	–.02	.10	.16	.21	.18	.95
Septbr.	18.67	–.05	–.22	–.37	–.42	**–.44**	–.28	–.09	.06	.34	.34	.21	.14	–.03	–.18	–.33	–.36	–.31	–.20	.13	.43	**.50**	.46	.40	.22	.94
Oktbr.	19.67	.14	–.03	–.16	–.17	–.14	–.11	.10	.28	**.32**	.27	.27	.06	–.20	–.29	–.37	**–.41**	–.30	–.08	.06	.14	.21	.20	.12	.10	.73
Novbr.	20.86	–.03	–.03	–.16	–.23	–.27	–.23	–.11	.13	.18	**.34**	.19	–.11	–.33	**–.42**	–.38	–.26	–.08	.06	.19	.25	.31	.32	**.34**	.29	.76
Dezbr.	19.55	.00	.08	.07	–.05	–.02	.00	.19	.42	.63	**.75**	.55	.20	–.14	–.30	–.25	–.21	–.19	–.20	–.18	–.22	–.27	**–.36**	–.30	–.34	1.11

Januar 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	3.5	SE 5	SE 2	NE 3	SSW 6	W 5	W 5	W 6	WSW 3	NE 15	N 11	NW 7	W 6
2	4.1	S 1	SSW 7	SW 10	SW 5	W 2	WSW 4	SW 5	WSW 1	W 2	W 2	W 5	WSW 6
3	6.3	NNW 0	NNW 0	NNW 0	NNW 0	NNW 6	NNW 0	NNW 1	NNW 0	NE 0	ESE 0	ESE 0	SE 0
4	0.7	ENE 9	NNE 3	NW 4	NW 0	NW 0	W 0	NNE 0	ENE 0	ENE 0	E 0	NE 0	NNW 0
5	0.1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0
6	6.2	SE 0	SE 0	SE 0	SE 0	SE 0	SSE 0	SSE 0	SSE 0	SE 0	ESE 0	ESE 0	SSW 0
7	18.0	S 23	SSW 26	SSW 43	SSW 16	S 5	SSE 4	SSE 6	S 16	SW 29	SW 34	WSW 21	WSW 31
8	12.9	WSW 38	WSW 42	WSW 30	WSW 28	SSW 7	WSW 5	NW 23	NW 8	NNW 13	N 9	N 10	NNW 9
9	17.5	W 3	WSW 4	WSW 1	W 3	WNW 8	WNW 25	WNW 20	WNW 16	WNW 12	WNW 10	WNW 12	W 19
10	38.7	SW 35	SW 42	SW 36	WSW 36	WSW 38	WSW 42	WSW 46	WSW 31	WSW 29	WSW 26	WSW 20	WSW 27
11	35.3	WSW 48	WSW 46	WSW 42	SW 53	WSW 40	SW 39	WSW 39	SW 40	WSW 45	SW 38	WSW 41	WSW 47
12	7.5	S 8	SSE 6	SSE 4	SSE 7	S 6	SSE 10	S 13	SSW 10	W 2	SW 4	S 5	S 4
13	16.2	SSE 9	SSE 3	WSW 26	SW 24	SSW 23	SSW 11	SSW 15	SSW 19	SSW 5	SW 25	WSW 31	WSW 28
14	4.8	WNW 20	NNW 6	NNE 1	NNE 0	NNE 0	N 0	E 2	ESE 9	ESE 1	ESE 0	SE 4	SSW 9
15	19.8	SE 0	SE 1	SE 2	SE 0	SE 1	SE 1	ESE 2	SSE 10	SE 10	S 20	WSW 46	WSW 49
16	35.0	WSW 44	WSW 38	SW 26	WSW 31	W 39	WSW 46	SW 41	SW 41	SW 46	SW 48	WSW 26	SW 26
17	8.4	N 0	ESE 0	WSW 0	SW 0	SSW 0	S 0	SSE 2	SSE 5	S 9	SSE 5	S 3	SSE 3
18	12.0	SSE 12	SSE 14	SSE 7	SSE 7	SSE 8	SSE 5	SE 9	SSE 10	SE 7	W 2	NNE 0	S 3
19	2.5	S 3	SSE 6	SSE 8	SSW 5	N 6	SSE 6	SSE 4	SSE 2	SSE 7	SSW 3	S 1	S 2
20	4.3	NNW 2	N 2	NNE 2	NNW 3	E 1	E 2	NNW 0	NNW 1	NNW 5	NNW 13	NNW 1	NNW 1
21	2.6	NE 4	NNW 9	NNW 9	NNW 0	E 1	SE 1	NNW 0	N 0	SW 3	E 2	NNW 1	NNW 6
22	1.9	SE 0	SE 0	SE 1	WNW 3	NNW 2	N 1	NNW 10	NE 0	E 3	SSW 2	WSW 0	W 0
23	7.0	NE 6	WNW 11	N 3	SSW 2	WNW 6	SW 4	SSE 5	SSE 1	ENE 1	ENE 5	SSE 0	SW 2
24	2.0	W 8	SW 0	SSW 0	S 0	SSW 0	S 5	SSE 0	SSE 0	SSE 1	SSE 2	S 1	S 0
25	—	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0
26	—	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0
27	—	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0
28	—	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0
29	—	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0
30	—	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	NW 0
31	0.0	E 0	ESE 0	E 0	ENE 0	ENE 0	ENE 0	SE 0	SSE 0	S 0	SSW 0	SSW 0	SSW 0

Februar.

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	—	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0
2	0.0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0
3	—	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	SSE 0	SSE 0	SSE 0
4	—	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	ESE 0	SSE 0	SSE 0	SSE 0	SSE 0
5	—	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WNW 0	NNE 0	ENE 0	ENE 0	E 0	E 0	ESE 0
6	0.4	SSW 0	SSE 0	SSE 0	S 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	WSW 0	W 0
7	11.6	SSE 6	E 1	SSW 0	S 7	S 4	WSW 2	WSW 3	WSW 0	SW 11	SW 12	WSW 16	WSW 28
8	1.3	SSW 1	S 2	S 9	S 7	SSE 2	SE 1	SSE 1	SSE 5	S 3	SSE 0	SSE 0	SSE 0
9	3.5	SSE 2	SSE 0	SSE 0	SSE 1	SSE 1	SSE 3	SSE 0	SSE 2	SSW 0	SW 0	WSW 0	W 10
10	6.8	SSE 0	SSE 1	SSE 4	SSE 4	SSE 7	SSE 8	SE 5	SE 0	SSE 2	S 1	SSW 0	WSW 8
11	4.2	SSE 9	SSE 6	SSE 8	SSE 7	SE 5	SE 1	SSE 3	SSE 0	SSE 0	SSE 0	SSE 1	SSE 2
12	2.5	SSE 7	SSE 2	SSE 4	SSE 6	SSE 3	SSE 3	SSE 6	SSE 1	SSE 1	SSE 0	SSE 0	S 0
13	3.1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WSW 0
14	2.8	WSW 0	SSW 0	SSE 2	SSE 8	SSE 3	SSE 3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0
15	17.8	NNE 14	NE 11	NNE 18	NNE 22	NNE 15	NNE 8	NNE 22	NNE 19	NNE 18	NNE 19	NE 18	NE 13
16	21.3	ENE 20	ENE 17	ENE 17	NE 17	NE 33	ENE 23	ENE 28	NE 27	NE 27	ENE 33	NE 31	NE 26
17	6.5	NNE 7	NW 3	NNW 3	NW 0	NW 1	NE 4	E 4	E 1	ENE 1	NE 8	NE 11	NNE 10
18	2.6	NW 0	ESE 3	SE 0	ESE 0	NNE 0	NNE 0	NNE 0	NNE 0	ENE 0	ENE 1	ESE 2	NE 4
19	0.6	NW 0	NW 0	NW 0	NW 0	NW 0	NNW 0	NNE 0	NE 0	NE 0	NE 0	ESE 0	ENE 0
20	2.2	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 2	SE 1
21	9.0	SE 9	SE 2	SE 0	SE 1	SE 0	SW 0	WSW 0	SSW 2	SW 3	SW 7	WSW 11	SW 24
22	19.1	W 0	WSW 0	WSW 0	WSW 0	WSW 0	SSW 0	SSE 0	SSE 0	WSW 7	WSW 14	WSW 26	WSW 26
23	16.2	W 38	WSW 38	WSW 38	WSW 31	WSW 33	W 26	WSW 28	WSW 25	SW 22	WSW 21	W 19	WNW 13
24	1.0	E 7	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	E 2	SE 0	SSW 0	SSW 0
25	2.4	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	N 0	N 0
26	9.6	NNE 17	NNE 4	NNE 5	N 6	NNE 14	ENE 11	NE 10	NE 12	E 16	ENE 23	ENE 21	ENE 13
27	4.3	ESE 5	SE 0	S 1	SW 4	S 1	SSE 5	SSE 6	S 0	SSE 1	SSW 0	W 2	NW 14
28	17.9	S 10	SSE 15	SSE 12	SSE 7	SW 17	WSW 22	WSW 34	WSW 36	WSW 35	W 32	WSW 37	WSW 26

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Januar. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	W 3	NNW 3	N 2	NW 0	NNW 0	NNW 1	NNW 1	NNW 0	SW 0	SSE 0	S 0	S 0	84
2	WNW 8	W 9	SW 5	SW 6	W 1	NW 2	WNW 6	NW 4	NNW 4	NNW 1	NNW 2	NNW 1	99
3	ENE 1	N 8	NNE 11	NE 12	NE 11	NE 13	NE 18	NE 15	ENE 10	ENE 16	NE 17	ENE 12	151
4	NNW 0	NNW 0	SW 0	WSW 0	W 0	W 0	W 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	16
5	WNW 0	WNW 0	WNW 0	WNW 0	NNW 0	NE 0	E 0	E 0	E 0	ESE 2	SE 0	SE 0	3
6	WSW 0	S 1	SSW 3	S 9	SSE 14	S 12	SSE 12	SSE 15	S 14	S 15	SSW 28	S 26	149
7	SSW 16	S 11	SW 7	SSW 11	WSW 19	WSW 14	WSW 24	SW 38	SW 12	SW 7	WSW 4	S 15	432
8	NNW 6	NNW 1	NNW 0	WNW 7	NNW 12	NW 7	WNW 13	WNW 11	W 12	W 8	W 8	WNW 2	309
9	W 16	WSW 19	WSW 20	SW 24	SW 25	SW 23	WSW 25	WSW 28	SW 21	WSW 20	WSW 35	SW 32	421
10	WSW 33	WSW 44	WSW 39	WSW 43	WSW 51	WSW 47	WSW 51	WSW 43	SW 39	WSW 45	WSW 43	SW 44	930
11	SW 41	WSW 47	WSW 42	WSW 37	SW 30	WSW 33	WSW 24	SW 23	WSW 17	SW 16	SSW 13	SSW 7	848
12	S 7	SSW 4	SSW 0	SSW 4	SW 3	SW 1	W 0	SW 0	SSW 8	SW 31	WSW 30	SSW 12	179
13	WSW 31	W 22	W 25	W 16	NW 14	WNW 9	NW 4	NNW 9	WNW 4	W 12	W 14	W 10	389
14	SSW 8	WSW 7	SW 9	S 5	S 1	SSE 11	SSE 7	SSE 12	SE 4	SE 0	SE 0	SE 0	110
15	WSW 33	WSW 33	WSW 29	WSW 26	WSW 30	SW 28	SW 19	WSW 28	SW 31	WSW 15	WSW 27	WSW 34	475
16	WSW 28	SW 38	SW 42	WSW 39	WSW 45	SW 46	WSW 49	WNW 36	WNW 27	WNW 20	NW 12	NW 6	840
17	S 14	SW 23	SW 21	SSE 12	SSE 4	SSW 11	SSW 22	SSE 19	SSE 18	SSE 12	SSE 5	SSE 13	201
18	NW 2	W 9	W 24	SW 38	SW 28	SSW 26	WSW 25	SW 29	SSW 13	SSE 5	SSW 0	S 6	289
19	S 0	S 0	WSW 0	WNW 3	NW 3	NNW 0	NNW 0	N 0	ENE 0	N 0	NNW 0	NNW 1	6[illegible]
20	NNW 0	NW 4	NNW 11	NNW 9	NNW 7	NE 4	ESE 1	SE 1	SSE 10	ESE 8	NE 5	NNW 9	102
21	NNW 9	NW 1	WNW 2	NNE 3	NNE 1	ENE 1	SE 1	SE 7	SE 0	SE 1	SE 0	SE 0	62
22	WNW 0	WNW 0	NW 0	NW 7	NNW 8	NNW 1	WNW 0	WSW 1	SSE 5	SSW 1	SSW 0	SE 1	46
23	WNW 0	WSW 1	S 5	SW 7	WSW 14	WSW 19	SW 25	SSW 14	SSW 11	SSW 3	SW 13	WSW 10	168
24	S 0	WSW 0	WSW 1	NW 6	NE 12	NE 7	ENE 4	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	47
25	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	E 0	E 0	NNE 0	NNE 0	0
26	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	0
27	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	0
28	ESE 0	ESE 0	SSW 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	0
29	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	0
30	WNW 0	W 0	W 0	W 0	W 0	WSW 0	SSW 0	SSW 0	ESE 0	ESE 0	E 0	ESE 0	0
31	SSW 0	SSW 1	SSW 0	SSW 0	SSW 0	SSE 0	SE 0	SSE 0	SSE 0	SSE 0	SSE 0	S 0	1

Februar.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	0
2	SSW 0	SSW 1	SSW 0	SSW 0	SSW 0	SSE 0	SE 0	SE 0	E 0	E 0	ESE 0	ESE 0	1
3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	0
4	SSE 0	SSE 0	SSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	WSW 0	0
5	S 0	S 0	S 0	SSW 0	SSE 0	E 0	NE 0	NE 0	NE 0	NE 0	E 0	SSE 0	0
6	W 0	W 0	W 0	W 0	SSW 3	S 2	SSE 4	NNE 1	NNE 0	E 0	SSE 0	SSW 0	10
7	WSW 24	WSW 35	WSW 28	WSW 33	WSW 30	WSW 14	SW 13	SW 8	W 3	WNW 1	SW 0	S 0	279
8	SW 0	W 0	W 0	WSW 0	SW 0	WSW 1	WNW 0	WNW 0	WNW 0	WNW 0	S 0	SSE 0	32
9	SW 9	WSW 17	W 16	WNW 16	WNW 4	NW 1	NW 0	NW 0	WSW 1	S 0	S 1	SSE 0	84
10	W 20	W 16	W 16	WSW 16	WSW 9	SSW 9	S 3	SSE 5	SSE 8	SSE 4	SE 6	SE 10	162
11	SW 3	W 13	SW 11	S 11	S 5	S 1	SSE 3	SE 3	SE 0	SSE 5	ESE 1	SE 3	101
12	S 0	WSW 0	W 7	W 8	W 6	WNW 0	WNW 0	WNW 0	WNW 1	WNW 1	WNW 4	WNW 0	60
13	WSW 1	WNW 1	S 2	SSW 4	W 12	WNW 5	WNW 13	WNW 14	NW 11	WNW 5	WNW 2	W 5	75
14	SSE 0	SSE 0	SSE 0	SSE 0	ENE 3	ENE 9	ENE 0	NE 1	NNE 9	NE 11	NNE 7	NNE 11	68
15	ENE 16	NE 14	NE 17	NE 15	NE 16	NE 19	ENE 19	ENE 23	ENE 29	NE 22	NE 21	ENE 19	427
16	NE 24	NE 20	NE 20	NE 15	NE 16	ENE 20	NE 21	NE 20	NE 22	NE 19	NE 9	NNE 5	510
17	NNE 8	NNE 12	NNE 10	NE 11	NNE 11	NE 3	NNE 3	NE 16	NE 20	NE 7	WNW 1	NW 0	155
18	NNE 2	NNE 7	NNE 7	N 14	NNE 12	NE 9	SSE 1	WNW 1	NW 0	NW 0	NW 0	NW 0	63
19	ENE 1	SE 1	SW 2	SSW 5	SSE 4	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	14
20	SSE 0	SSW 0	SSW 1	SSW 0	SSW 0	SSE 0	SE 1	SE 8	SE 9	SE 10	SE 10	SE 10	52
21	SW 21	SW 28	SW 26	SW 24	W 14	WNW 12	NW 11	WNW 11	WSW 8	WNW 1	WNW 0	W 0	215
22	WSW 27	WSW 29	WSW 31	WSW 36	WSW 30	WSW 32	WSW 30	WSW 34	WSW 28	WSW 32	W 41	W 35	458
23	W 16	W 17	WNW 7	WNW 7	NNW 1	NW 3	WNW 0	NW 4	NW 0	NW 0	NW 2	NNE 0	389
24	SSE 0	S 0	SSW 0	SW 1	SW 1	WNW 1	NNW 2	NNW 5	NNW 4	NNW 0	NNW 0	NNW 0	23
25	N 0	ENE 0	SSE 7	SSE 6	SSE 2	SSE 0	SSE 0	SSE 0	SSE 0	SW 3	N 17	NNE 18	57
26	NE 17	NE 23	ENE 15	ENE 8	NE 8	NE 7	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	230
27	WNW 7	WNW 7	WNW 12	WNW 5	WNW 0	WNW 5	WNW 10	NW 7	NNW 1	NNW 0	NNW 0	S 11	104
28	WSW 23	WSW 19	SW 22	W 17	W 9	W 6	NNW 10	SW 7	SSW 2	SSW 10	SSW 5	SW 16	429

März 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	5.6	NW 20	NNW 6	NNW 0	NNW 5	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 7
2	6.4	WNW 0	WNW 0	WNW 0	N 1	ENE 1	ENE 2	NNE 7	NNW 7	N 7	NNW 6	NNE 10	NNE 8
3	5.8	WNW 2	WNW 9	W 4	SW 8	WSW 9	WSW 9	WSW 13	W 9	W 13	WSW 9	WSW 3	W 7
4	0.7	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WNW 0	WNW 1
5	1.2	E 2	E 0	E 0	E 0	E 0	E 0	ENE 1	E 0	S 1	WNW 1	WNW 1	WNW 1
6	2.6	ENE 0	NNW 2	NNW 0	NNW 0	NNW 0	NW 0	WNW 0	WNW 0	WNW 0	WNW 2	WNW 1	WNW 8
7	3.7	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NE 2	NE 8	NE 8
8	2.5	N 0	NNE 0	NNE 2	NE 10	ENE 10	NNE 0	NNE 1	E 0	S 0	E 0	SSE 3	SSE 3
9	3.2	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	S 0	W 1	W 2	WNW 7
10	0.6	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	S 0	WSW 1
11	2.8	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 3	WNW 8
12	3.5	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	ESE 1	N 6	ENE 3
13	5.2	NE 0	NNE 0	NNE 0	NE 0	E 0	E 0	E 0	E 0	NE 0	WNW 2	S 5	NNE 9
14	16.1	NE 5	NNE 5	NE 0	ENE 3	NE 4	NE 9	NE 8	NNE 1	NE 5	NE 19	NE 24	NE 20
15	6.3	NNE 17	NE 13	NNE 20	NE 17	NNE 16	NNE 13	NNE 14	NE 7	ENE 7	ENE 7	ENE 0	E 1
16	1.8	NNE 0	N 0	NNW 0	NW 0	NW 0	NW 0	NW 1	NNW 1	NNW 1	NNW 2	WNW 0	WNW 0
17	3.6	NNE 1	NE 0	N 0	N 0	N 0	N 0	N 0	N 0	N 1	NNW 0	W 4	W 12
18	1.2	NNE 0	NNE 0	ENE 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	NNE 1	NW 4
19	7.9	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	S 0	S 0	SSW 0
20	16.4	SW 33	SW 29	WSW 21	SW 23	SW 22	SW 21	WSW 15	WSW 19	WSW 25	WSW 22	WSW 25	SSW 16
21	3.3	WSW 0	W 0	NNW 0	N 0	N 0	N 0	N 0	N 1	ENE 1	ESE 3	NE 6	SE 6
22	6.2	NW 0	N 2	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	N 3	NNE 10
23	7.3	ENE 4	S 1	N 1	NNW 0	NNW 1	NNW 1	NW 0	NW 0	NW 0	NW 0	NNE 8	NE 11
24	4.3	NE 3	NNE 17	NNE 7	NE 11	NE 3	NE 0	NE 0	NE 0	ENE 2	ENE 6	ESE 7	SSW 8
25	11.0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	WSW 0	W 5	WSW 10	W 15
26	8.6	NNE 19	N 15	NNE 9	NE 4	NNE 6	NNE 3	NNE 7	NNE 13	NNE 9	NNE 8	ENE 13	ENE 12
27	4.5	NE 4	NE 4	NE 13	NE 8	NE 2	N 4	NW 7	NNW 2	NE 7	NE 4	E 6	NNE 9
28	4.0	ENE 2	ENE 5	ENE 1	ENE 0	ENE 0	ENE 0	E 0	E 0	E 0	SE 2	SSW 5	SW 1
29	28.5	SSW 13	WSW 21	SSW 11	SSE 8	SW 25	WSW 23	WSW 27	WSW 28	SW 20	WSW 33	W 41	WSW 34
30	15.1	WSW 24	WSW 24	SW 22	WSW 27	W 24	WSW 24	W 11	WNW 10	NNW 2	SW 2	W 7	S 6
31	14.2	WSW 44	WSW 40	SW 31	WSW 34	SSW 21	SSE 6	SE 4	SSE 1	SSE 5	SSE 3	S 7	WSW 21

April.

1	3.8	SE 0	SE 0	SE 0	SE 0	SSE 0	W 0	NNW 5	NW 9	WNW 11	NW 2	NW 5	NW 6
2	14.3	W 14	W 12	WNW 2	WNW 0	WNW 0	WNW 0	SW 0	SW 11	WSW 44	WSW 37	WSW 35	W 29
3	3.0	E 0	E 0	E 0	E 0	N 0	N 0	NE 0	E 0	E 0	N 2	WNW 4	SSW 6
4	5.2	WSW 0	W 0	W 0	S 0	ESE 0	ESE 0	ESE 0	ESE 0	S 1	WSW 1	S 7	SSE 10
5	6.2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	N 6	NNW 7	NNE 13
6	1.4	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WSW 1	S 1	SW 1	SW 0	S 0
7	5.9	SSE 6	SSE 9	SSE 4	SSE 0	ESE 0	NNE 0	NW 0	NW 0	W 0	SW 0	SW 0	SW 0
8	5.8	W 7	WNW 8	W 7	W 6	W 5	W 6	WNW 5	W 8	W 1	W 3	WNW 9	W 11
9	7.6	NNW 0	NNW 0	NNE 10	ENE 0	ENE 5	NE 19	NNE 7	NNE 5	N 4	NNE 3	NE 1	NNW 3
10	6.5	NNW 2	NW 3	NW 0	W 4	NNE 5	NNE 0	NNE 0	N 0	WNW 6	WNW 11	WNW 8	WNW 5
11	4.1	WSW 6	W 8	SW 7	S 2	SSW 0	SSW 0	S 0	SSE 0	SSE 0	S 0	WSW 1	SSW 3
12	3.8	E 0	E 1	NE 1	NNW 4	NNW 0	E 1	SE 6	SSE 0	SSW 0	SSW 1	SSW 1	WNW 3
13	4.5	SE 1	SE 0	ENE 0	NE 2	NNE 0	NNE 7	WNW 3	SE 0	N 2	NE 7	NNE 8	NE 9
14	8.7	NE 2	ENE 12	NNW 2	W 0	NNW 4	NNW 2	NNW 4	NNW 3	NE 4	NE 8	NNE 7	NE 13
15	10.0	NNE 6	NW 8	NNW 9	NNW 2	NW 0	W 1	WSW 13	SW 8	W 9	W 12	W 13	WNW 13
16	8.1	WNW 5	NW 15	NW 16	WNW 16	WNW 9	NW 5	NW 0	NW 0	WNW 4	W 7	W 10	WNW 12
17	1.2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NNE 0	ENE 0	NE 2	N 6
18	5.9	NE 4	NNE 5	NNE 9	NNE 8	NNW 4	NNE 4	NNW 4	N 5	NNE 3	NNE 9	NE 14	NNE 9
19	10.8	N 14	NNW 9	NNW 12	NNW 24	NNW 19	NNW 11	NNW 13	NNW 13	NNW 13	NNW 11	NNW 9	N 10
20	8.5	NNE 9	NE 12	NNE 15	NNE 10	NNE 11	NNE 11	N 8	NNE 11	NNE 11	NNE 5	NE 9	NNE 8
21	7.7	NE 8	NNE 6	NNE 6	N 4	NNW 7	N 19	N 21	NNE 17	NNE 17	NE 15	NNE 11	NNE 11
22	7.5	SSE 5	SSE 7	SSE 8	SSE 6	SSE 10	SSE 10	SSE 12	SSE 11	S 9	SSW 5	WSW 11	W 8
23	2.7	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NNW 3	NW 1	NW 1	NW 3	NW 1
24	2.3	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	W 0	W 0	W 0	WNW 4
25	3.8	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	WNW 1	WNW 3	WSW 3
26	2.4	SSE 6	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	NNE 0	W 2	NW 6
27	3.9	ESE 0	ESE 0	ESE 0	NE 0	N 0	N 0	N 0	N 0	N 0	E 2	SSE 0	S 10
28	1.9	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 4	NNW 7	N 5	N 4	N 0	NNW 1	NNW 1
29	4.2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 3	NNW 7	NNW 8
30	8.4	NNW 4	NNW 0	NNW 0	NNW 0	NNW 0	WNW 2	W 9	WSW 13	WSW 14	WSW 17	WSW 8	SW 10

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). März. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	N 8	NNW 6	N 7	NW 19	WNW 22	WNW 15	W 12	WNW 6	WNW 1	WNW 0	WNW 0	WNW 0	134
2	NE 8	NNE 6	NNW 8	NW 10	NW 8	NW 12	NW 14	WNW 7	WNW 9	WNW 5	WNW 10	WNW 8	154
3	W 9	NW 10	NW 6	NW 3	N 3	NNE 1	N 2	NNW 3	NNW 3	N 4	NW 0	WNW 0	139
4	WNW 0	WNW 3	WNW 2	N 6	ENE 2	ENE 0	ENE 0	NNE 0	NNW 0	NNW 0	NNW 0	ENE 2	17
5	NW 4	NW 3	NNW 6	E 3	NE 1	SE 1	ESE 2	ENE 0	ENE 0	E 0	SSE 1	ESE 1	29
6	NW 9	NNE 6	NE 8	NE 9	NNE 7	NNE 2	N 0	N 0	NNE 9	NNE 0	NNE 0	NNE 0	63
7	NNE 13	NNE 14	NNE 11	NE 5	NE 3	NE 5	NNE 9	NNE 4	NE 0	NE 1	NE 6	N 0	89
8	SSW 8	SSW 9	SSW 6	SSW 4	SSW 1	SSW 0	S 3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	60
9	NNW 11	N 9	NNE 14	NE 8	ENE 10	ENE 4	E 0	E 9	E 1	E 0	SE 0	SE 0	76
10	W 2	W 1	W 5	WSW 4	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	14
11	NW 7	N 8	NNE 9	NE 8	NNE 6	NE 4	NE 10	ESE 4	SSE 0	SSE 0	SSE 0	SSE 0	67
12	WSW 13	NNE 9	NNW 8	N 5	N 8	NE 9	NE 12	ENE 7	NNE 1	NE 1	NE 0	NE 0	83
13	NE 14	NE 14	NE 12	ENE 15	ENE 10	NNE 6	NE 4	NE 7	ENE 9	ENE 2	ENE 7	ENE 9	125
14	NE 26	NE 24	ENE 17	NE 27	NE 27	NE 13	NE 19	NE 31	NE 33	NE 26	NNE 22	NNE 18	386
15	ESE 0	NNW 4	NW 5	E 0	WSW 0	WSW 0	WNW 0	NNE 0	NE 0	NNW 6	NNW 3	N 1	151
16	NNW 9	NW 13	NNE 10	NNE 4	NNE 1	NNW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 2	44
17	NNW 10	N 8	NE 7	NE 8	NNE 8	ENE 13	ENE 7	NE 1	NE 6	ENE 0	ENE 1	ENE 0	87
18	WNW 3	SW 1	W 4	W 1	WSW 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 7	SSE 6	SSE 2	30
19	SSW 3	WSW 17	WSW 23	WSW 15	WSW 21	W 13	W 18	W 13	SW 19	SSE 15	SSW 6	W 27	190
20	WSW 15	W 16	W 19	W 22	W 18	W 18	WNW 9	WNW 0	WNW 2	WNW 2	WSW 1	WSW 0	393
21	E 5	NE 6	N 9	ENE 7	N 6	N 9	NNE 12	NNE 1	NNE 5	NNE 2	NNE 0	NNE 0	79
22	N 7	NNE 5	N 11	N 9	N 6	NNE 9	NE 14	NE 17	NE 18	NNE 14	NNE 11	NE 12	148
23	NNE 21	NNE 15	ENE 17	NE 14	NE 17	NE 11	NE 13	ENE 18	E 10	ENE 9	NE 0	NE 3	175
24	SE 6	SSE 6	S 6	SSW 10	SSW 7	SSW 1	S 2	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	102
25	WNW 21	WNW 22	W 24	WNW 25	WNW 28	WNW 18	NNW 13	N 15	NNE 16	NNE 19	NNE 15	N 18	264
26	E 10	ENE 9	E 11	ENE 4	NE 8	NNE 6	NE 13	ENE 5	NE 10	ENE 7	NE 3	NE 2	206
27	NNW 9	WNW 8	NW 9	WNW 6	NW 4	N 0	ENE 0	ENE 1	ENE 0	ENE 0	ENE 0	ENE 0	107
28	SSW 4	SSW 4	SSW 5	S 8	S 12	S 8	SSE 7	SSE 2	SSE 6	SSE 9	SSE 8	SE 6	95
29	W 38	W 44	W 39	WSW 44	WSW 37	WSW 35	WSW 31	W 27	WSW 32	WSW 29	WSW 24	WSW 21	685
30	SW 8	SW 8	S 8	S 9	SSW 6	W 19	WNW 16	W 17	W 12	WSW 14	WSW 25	WSW 37	362
31	WSW 33	WSW 29	WSW 20	W 13	NW 12	NW 7	NNW 6	NW 4	N 0	SE 0	SSE 0	SE 0	341

April.

1	NW 4	NW 0	NW 1	WNW 0	SW 1	SE 11	SSE 3	SSE 0	SSE 0	SW 3	WNW 9	W 19	89
2	W 29	W 28	W 22	WSW 22	WSW 24	WSW 19	WNW 8	WNW 7	NE 0	E 0	E 0	E 0	343
3	WSW 8	WNW 13	W 9	NW 6	NNW 9	NNW 8	NNW 1	ENE 0	SSE 3	SSE 1	SSE 0	SSE 2	72
4	SSW 11	S 8	SSW 18	S 13	SE 10	SE 9	SE 11	SW 10	NW 5	NW 8	NW 2	WNW 2	126
5	NE 8	NW 10	NW 15	WNW 16	NW 17	WNW 23	NW 13	W 13	WNW 7	WNW 0	WNW 0	WNW 0	149
6	S 1	S 12	SSW 8	SW 1	SSW 1	WSW 0	WSW 0	WSW 0	WSW 0	SSW 0	SSE 3	SSE 4	33
7	NW 1	ENE 1	SSE 4	W 2	NE 1	NNW 5	WNW 24	WNW 26	WNW 22	WNW 18	WNW 10	W 9	142
8	WNW 9	WNW 6	WNW 6	NW 8	WNW 9	WNW 9	WNW 8	NW 4	NNW 1	NNW 4	NNW 0	NNW 0	140
9	N 7	N 6	NW 6	NW 6	NNW 10	NW 22	NW 17	NW 18	NNW 13	NNW 8	NNW 6	NNW 7	183
10	WNW 8	NW 8	NW 14	WNW 17	WNW 19	NW 19	NW 11	SSW 8	SSW 1	W 6	SSW 0	SW 0	155
11	WSW 7	SSW 3	SW 11	SW 13	W 11	NW 13	N 10	N 3	N 0	N 0	N 0	ENE 0	98
12	NW 5	NNE 4	WNW 7	ENE 6	NNE 9	NNE 5	NNE 9	NE 5	ENE 11	NE 7	NNE 3	NE 1	90
13	ENE 7	NE 10	NE 10	ENE 10	ENE 4	ENE 2	ESE 9	E 8	ESE 5	ENE 2	ESE 1	SW 0	107
14	NE 7	NE 10	ENE 12	ESE 11	SSE 17	ESE 23	ENE 19	ENE 18	ENE 7	ENE 11	ENE 5	NE 2	203
15	WNW 8	NW 15	WNW 18	WNW 20	NW 17	NW 15	WNW 19	SW 3	WSW 3	WNW 6	WNW 13	WNW 10	241
16	WNW 11	NW 6	NW 6	WNW 12	NW 14	NW 10	NW 9	NW 11	NW 8	NW 6	NW 2	NW 0	194
17	NNE 13	N 4	NNE 7	NNE 8	N 2	N 0	N 0	N 4	ENE 6	ESE 0	E 1	NE 0	53
18	N 6	NNW 6	N 1	N 0	N 0	N 0	N 0	N 0	N 2	N 16	N 17	N 15	141
19	N 7	NNE 8	N 6	NNE 5	NNE 10	NNE 11	NNE 12	NNE 14	NE 12	NNE 5	N 3	NNE 8	259
20	NE 10	NE 4	ENE 7	NE 5	E 3	E 5	ENE 6	NE 4	NE 8	NNE 4	NNE 7	NE 20	203
21	NNE 7	N 9	NNE 3	NNW 9	NNW 10	NNW 4	NNW 1	NNW 0	NNW 0	NNW 0	NE 0	SSE 1	186
22	WNW 2	WNW 1	NNW 6	WNW 11	W 13	WNW 12	WNW 11	WNW 13	WNW 3	WNW 2	NW 4	NW 0	180
23	ENE 3	W 8	W 3	NNW 7	NNW 13	N 13	NNW 5	N 1	NNE 0	N 1	N 0	N 0	64
24	WNW 4	WSW 3	W 7	WNW 6	WNW 8	WNW 6	WNW 11	NNW 5	NNW 0	NNW 0	NNW 0	NNW 0	54
25	WSW 4	WNW 7	WNW 4	WSW 4	SW 10	SW 17	WNW 7	WNW 1	SSW 6	SSW 11	SSE 6	SSE 8	92
26	NW 6	W 8	WSW 4	W 7	WSW 7	W 5	WNW 1	N 0	NNE 0	ENE 4	ESE 1	ESE 0	57
27	S 9	S 0	WSW 4	E 6	ESE 7	SSE 11	S 1	NW 12	NNW 9	NNW 7	NNW 1	NNW 0	79
28	NNW 2	NNW 2	NNE 1	NE 1	NE 0	N 2	WNW 12	WNW 3	WNW 0	WNW 0	WNW 0	WNW 0	45
29	NNW 10	N 7	NE 7	ENE 4	NE 6	E 4	NNE 9	WNW 6	NW 11	NW 6	NW 3	NW 9	100
30	SSW 9	W 15	SSW 12	SW 12	SW 15	SW 15	WNW 12	WNW 7	WNW 11	WNW 2	W 1	WSW 13	202

Mai 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	5.5	SW 10	SSE 10	SSE 11	S 14	SSW 16	SSW 13	S 7	SSW 7	S 10	SSW 5	S 7	S 1
2	5.7	ESE 0	E 0	ESE 0	ESE 2	ESE 0	ESE 0	ESE 0	ESE 0	SSE 0	SE 2	ENE 6	NNE 9
3	3.4	ENE 2	E 0	E 0	E 0	E 0	E 0	E 0	E 0	N 2	NW 3	SSW 3	NE 3
4	3.8	SE 1	SE 0	SSE 0	S 0	S 0	S 0	S 0	W 0	SW 0	SSW 0	W 0	NW 0
5	6.5	SE 4	ESE 0	S 1	W 3	NNW 9	NNW 6	WNW 2	WNW 13	WNW 12	NW 3	WNW 7	NE 10
6	13.0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NNW 6	NNE 1	N 6	NNE 18	NE 14
7	12.6	SE 31	SSE 22	SSE 15	SSW 7	SSW 3	SW 2	SSE 5	SW 11	WNW 11	WNW 7	WNW 3	NNW 9
8	16.3	SW 16	SSW 12	SSW 14	SSW 16	SSW 16	SW 20	SW 20	WSW 29	WSW 22	WSW 20	WSW 29	W 35
9	4.4	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WSW 0	WSW 1	NW 8	N 4	NNW 3	N 7
10	2.4	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	N 1	NNW 4	NNW 3	NNW 4	NW 4	SW 4	WNW 5
11	4.8	NNE 0	NNE 0	NNE 0	NNE 0	NE 0	NE 0	NNW 0	NNW 0	NNW 1	NNW 0	WNW 2	NW 4
12	7.0	WNW 16	WNW 3	SW 0	SSE 3	S 4	SSE 5	SSE 0	S 5	WSW 10	SW 8	S 13	S 15
13	5.6	E 3	SE 6	SSE 7	SSW 7	SSE 5	SSE 12	SSE 7	SSE 2	SSW 7	SW 4	SW 8	WNW 8
14	6.8	NNW 8	N 3	NNE 3	SE 3	ESE 1	ESE 0	N 9	WNW 9	WNW 1	SW 4	S 10	SSE 10
15	8.1	SSE 9	S 5	SSE 0	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	E 4	NE 7
16	2.2	NNW 5	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WNW 0	WNW 1	WNW 0	ENE 0	ENE 3
17	2.6	NW 1	NW 0	NW 0	NNE 2	ENE 0	ENE 0	ENE 0	ENE 0	N 4	NW 0	WNW 6	W 6
18	2.9	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	SSE 0	SSW 1	SW 5	W 2
19	4.2	ENE 0	ENE 0	E 0	ESE 0	NE 0	N 0	NNW 0	NNW 0	NW 0	NW 3	NNW 5	N 7
20	4.6	N 4	E 3	N 0	NNW 0	NNW 0	NNW 0	NNW 0	NW 4	NNW 9	NNW 5	NE 3	NE 7
21	3.0	ENE 0	ENE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	S 0	SSW 1	SW 2	S 5
22	3.2	ESE 4	SSE 0	WSW 4	WSW 1	W 1	W 0	SW 0	SSW 1	SSW 3	SSW 7	SSW 5	WSW 8
23	6.8	ENE 0	ENE 0	ENE 0	NNE 0	N 0	N 0	N 0	N 0	ESE 1	W 7	WNW 9	WNW 8
24	19.4	W 5	W 3	WNW 8	WNW 6	WNW 6	WNW 10	WNW 10	WNW 11	W 8	SW 8	W 11	W 14
25	12.3	WSW 20	W 15	WNW 9	WSW 11	WSW 11	WSW 12	WSW 15	WSW 15	W 10	WNW 12	WNW 16	WNW 16
26	6.2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WSW 1	SE 4	ENE 11	NE 11	NNE 23
27	10.9	NNE 6	NNE 12	NNE 5	NNE 1	NNE 10	NNE 6	NNE 9	NNE 11	NE 10	NE 17	NE 19	ENE 17
28	10.8	NNE 12	ENE 14	ENE 13	NE 10	NE 15	NE 12	NNE 5	NNE 9	NE 10	NE 16	NE 17	NE 16
29	9.7	NE 11	NE 4	NE 1	NE 2	NE 0	NE 0	NE 4	NNE 9	NNE 14	NE 8	NE 20	NE 19
30	11.2	NE 7	NE 5	NNE 1	NNW 0	NNW 1	NNE 0	NE 8	NE 12	ENE 20	NE 20	ENE 25	ENE 21
31	11.9	NE 11	NNE 8	NNE 5	NNE 11	NNE 11	NNE 10	NNE 12	NNE 15	NE 9	NE 14	ENE 18	NE 26

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Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	10.2	NNE 4	NNE 7	NE 13	NNE 3	NNE 7	NNE 2	N 5	NNW 3	N 9	N 7	NE 11	NE 14
2	6.9	ENE 8	ENE 6	ENE 0	ENE 0	ENE 0	ENE 0	E 2	NE 9	NNE 11	ENE 12	ENE 9	NE 9
3	7.0	NW 6	NW 6	NW 0	NW 0	N 2	NNE 0	NNE 0	E 0	W 0	NNW 2	NW 4	WNW 11
4	9.9	N 0	N 0	N 0	N 2	N 0	N 0	N 0	NNW 5	NW 2	NW 3	WNW 7	N 21
5	11.4	NNE 10	N 3	NNE 9	NNE 7	NNE 11	NNE 9	N 14	NNE 14	NE 14	NE 15	NE 10	NE 15
6	12.6	ENE 7	ENE 0	ENE 0	NE 11	NE 2	NE 4	ENE 10	NNE 14	NNE 18	NNE 16	NE 22	NE 27
7	6.4	ENE 7	NNE 12	NNE 12	NNE 5	NNE 0	NNE 0	NNE 1	ENE 2	NNE 7	NE 9	NE 14	ENE 12
8	3.0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	N 0	N 0	N 0	N 0	NW 0	SW 3	SW 8
9	2.8	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	WNW 1	WSW 0	NNW 6	WSW 5	NW 5
10	6.8	ESE 0	SE 0	SE 0	SE 0	SE 4	SE 3	SE 0	SW 7	NW 11	W 4	SW 8	SSW 10
11	6.8	NNW 7	NNW 7	NNW 11	NNW 6	NNW 12	N 9	N 3	NNE 7	N 4	NE 5	NE 3	NNE 11
12	5.0	ENE 0	NE 12	NNE 8	NNE 9	N 10	N 7	N 8	N 10	N 5	N 5	N 1	NNE 1
13	4.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 3	N 4	N 1	NW 0	WNW 2	NW 6
14	4.9	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 5	WNW 8
15	6.1	NW 0	NW 11	NW 2	NW 0	NW 0	NW 0	NW 0	W 1	SSW 0	SSW 5	WNW 10	NW 22
16	2.5	WNW 0	N 0	NNW 0	W 0	W 0	W 0	NW 3	NW 11	WNW 19	WNW 12	WNW 1	SW 4
17	9.1	E 3	NNE 8	N 3	NNW 12	NNW 4	NNW 7	N 5	NNE 4	NNE 5	NNE 12	N 10	NNW 14
18	8.4	S 11	S 9	WSW 0	SW 10	SSE 6	SW 8	SSE 15	SSE 8	S 8	S 6	S 2	S 9
19	4.7	ESE 0	ESE 1	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SW 1	SW 3	SSW 5
20	10.7	SE 8	SSE 3	S 0	S 0	SW 6	W 4	WSW 7	WSW 5	W 4	W 12	WNW 10	WNW 2
21	21.5	WSW 20	WSW 24	SW 22	SW 21	SW 22	SSW 29	SSW 23	SW 24	SSW 23	SSW 17	SW 17	WSW 20
22	25.9	WSW 20	SW 13	SW 19	SW 20	WSW 28	WSW 28	WSW 30	WSW 26	WSW 26	W 25	WNW 27	WNW 31
23	20.8	W 18	W 18	WNW 24	W 14	WSW 18	WSW 18	W 18	WSW 19	W 23	WNW 25	WNW 30	WNW 28
24	9.6	W 2	WNW 0	WNW 0	WNW 0	W 0	SSE 4	SSE 0	SE 1	S 4	SSW 6	SW 14	WSW 16
25	6.8	NW 8	W 4	WNW 0	WNW 5	W 2	WSW 5	WNW 5	WSW 11	WSW 9	SW 10	S 18	S 19
26	9.0	SE 9	SE 9	SE 3	SE 5	SE 10	SE 0	SE 0	SSE 9	S 5	W 11	W 14	WNW 23
27	5.3	NNW 0	NE 0	NE 0	NNE 0	N 4	SW 6	S 0	NW 13	NW 17	NW 7	NE 3	S 3
28	2.2	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	N 4	WNW 7	NE 7	N 8
29	4.2	SE 0	SE 0	SE 0	E 0	ENE 2	SSE 8	SW 7	ESE 7	ENE 6	NE 6	N 13	NNW 0
30	8.7	NNW 0	N 3	NNE 0	NNE 0	NNE 0	NNE 0	NW 6	N 11	NE 10	NE 10	NE 12	NE 9

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Mai. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	S 0	S 5	SSE 4	SSE 2	SSE 4	SSE 7	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	133
2	N 9	N 9	NNE 8	NE 9	NNE 10	NNE 11	NE 13	ENE 15	ENE 20	ENE 14	ENE 0	ENE 0	137
3	NNW 9	NW 9	WNW 9	WNW 3	WNW 4	NNE 1	NNE 4	NE 14	ENE 4	E 2	SE 3	SE 7	82
4	WNW 6	WNW 9	N 8	ENE 10	NE 10	ENE 15	ENE 16	ENE 13	ENE 0	ESE 2	ESE 0	ESE 1	91
5	NE 9	NNE 6	NE 4	NE 2	ENE 1	S 5	WNW 11	NW 11	NW 8	NW 13	NW 9	NNW 7	156
6	NE 12	NE 7	NE 2	ENE 7	SE 4	ESE 17	SE 30	ESE 38	SE 31	SE 29	SE 47	SE 42	313
7	NNE 9	NNE 14	NE 6	SE 9	SW 7	WNW 22	WNW 14	WNW 27	WNW 25	W 16	W 13	W 14	302
8	W 28	W 22	W 22	WSW 21	W 12	WNW 13	NW 15	WNW 6	WNW 0	WNW 2	WNW 0	WNW 0	390
9	NE 8	NE 3	NE 12	NE 9	NE 10	NE 10	NE 10	NE 10	NE 9	NE 2	NNE 0	NNW 0	106
10	NW 6	NE 6	ENE 4	N 7	NNW 5	NNE 0	NNE 0	NNE 5	NNE 0	NNE 0	NNE 0	NNE 0	58
11	WNW 4	WNW 7	WNW 8	W 14	WNW 26	NW 19	NW 11	WNW 0	SSW 1	ESE 1	ENE 0	SSW 17	115
12	WSW 8	WNW 8	W 12	S 13	SSE 16	S 15	SW 5	NNW 1	SSE 2	SSE 2	SSE 0	SSE 3	167
13	WNW 11	WNW 12	WNW 8	NW 8	NNW 5	N 4	NNE 1	NNE 6	NE 3	NE 0	NE 0	NNE 1	135
14	SW 14	SSW 13	S 16	SSE 15	SSE 13	SSE 12	SSE 9	SSE 8	SE 3	SE 0	SE 0	SE 0	164
15	NE 8	NE 12	NNE 16	NNE 21	NE 20	NE 20	NE 18	ENE 18	ENE 19	ENE 17	NNE 0	NNW 0	195
16	E 9	ENE 6	NE 6	NE 9	NNE 5	NNW 1	NNW 2	NE 4	NE 0	NE 0	NE 0	N 0	52
17	NW 5	NNW 4	NNW 7	WNW 6	NNW 4	NNW 3	NNE 1	NE 6	NE 0	ENE 0	E 2	E 5	62
18	NW 8	N 4	NNW 3	N 6	N 12	N 12	NNE 9	NNE 4	ENE 3	NNW 0	NNE 0	ENE 0	69
19	NE 14	NE 16	ENE 14	NNE 9	NNE 12	NNE 11	NNE 8	E 1	ESE 2	E 0	E 0	NW 0	102
20	ENE 13	ENE 15	NE 11	NE 11	NE 8	NE 6	NE 3	SE 6	SSW 0	S 2	SE 0	ENE 0	110
21	NNW 5	NNW 7	NE 7	NE 13	ENE 11	SE 5	SE 9	SE 3	ESE 3	ESE 0	E 0	ENE 0	71
22	WNW 9	W 7	W 7	WNW 8	W 6	NW 4	NNW 1	N 0	N 0	N 0	NE 0	ENE 0	76
23	WNW 8	NW 7	SW 3	WNW 14	WNW 29	WNW 25	WSW 13	S 6	S 4	WNW 4	WNW 16	WNW 9	163
24	W 18	WNW 26	WNW 30	WNW 42	WNW 39	WNW 39	WNW 30	WNW 37	WNW 33	WNW 34	W 18	WSW 20	466
25	W 20	WNW 19	WNW 18	WNW 19	WNW 19	WNW 17	WNW 14	WNW 6	WNW 0	WNW 0	WNW 0	WNW 0	294
26	NW 6	NNE 10	E 6	NE 5	NE 8	NNE 4	NNE 5	NNE 10	NNE 6	NNE 11	NNE 17	NNE 11	149
27	NNE 19	NNE 18	NE 17	NE 20	NE 10	NE 14	NNE 9	ENE 5	ENE 5	NE 9	NNE 6	NE 7	262
28	NE 17	NE 13	NE 15	NE 15	NE 10	NE 7	NNE 3	NNE 2	NE 6	E 2	ENE 11	NE 10	260
29	NE 18	NE 17	NE 17	NE 14	NE 12	NE 14	NE 11	NNE 14	NNE 13	E 2	E 3	NE 6	233
30	ENE 21	NE 20	NE 20	NE 19	NE 16	NE 16	NE 12	NNE 7	NNE 4	NNE 4	NNE 9	NE 0	268
31	NE 24	NE 21	ENE 21	NE 19	NE 15	ENE 15	ENE 9	ENE 1	NE 1	NE 5	NNE 3	NE 1	285

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1	N 8	N 9	N 11	NNE 15	NE 14	NE 11	NNE 14	NNE 17	NE 18	NE 16	NE 17	NE 10	245
2	ENE 9	NE 12	NE 8	NE 9	NE 8	NE 6	ENE 2	ENE 9	ENE 13	NE 5	NE 16	NNE 3	166
3	W 15	W 15	WNW 19	WNW 17	WNW 13	WNW 19	WNW 16	NNW 8	N 10	N 6	N 0	N 0	169
4	N 21	NE 20	NE 20	NE 22	NE 16	NE 19	NNE 15	NE 17	ENE 19	NE 8	NNE 10	NNE 11	238
5	NE 18	NE 17	ENE 21	E 19	SSE 16	S 10	SE 1	S 1	E 12	ENE 11	ENE 0	NNE 7	273
6	ENE 23	ENE 23	NE 18	NE 20	NE 16	NE 16	NE 13	NE 8	NE 7	NE 13	ENE 10	ENE 4	302
7	ENE 8	NE 10	NE 10	ENE 9	NE 9	NE 9	NE 2	NE 9	N 7	NNE 0	NE 0	NNE 0	154
8	W 6	WNW 9	WNW 9	NW 6	WNW 6	WNW 4	NW 9	NNW 3	NNW 4	N 3	N 1	N 0	71
9	WNW 5	NW 7	WNW 8	NW 8	NW 8	NNW 7	NNW 7	NNW 0	NNW 0	NNW 0	NNW 0	E 0	67
10	S 10	SW 16	WNW 18	WNW 20	NW 17	NW 13	NW 7	NW 0	NW 0	NW 0	NW 5	NNW 9	162
11	NE 14	NNE 11	NE 13	NE 12	ENE 12	ESE 8	S 7	S 1	S 0	S 0	ESE 1	ENE 0	164
12	WNW 2	SSE 12	SSE 13	SSE 10	SSE 4	SSE 2	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	120
13	WNW 9	W 10	WNW 14	NW 15	NW 12	WNW 10	WNW 11	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	98
14	W 11	WNW 12	W 15	WNW 14	WNW 17	WNW 16	NW 9	NW 8	NW 0	NW 0	NW 0	NW 0	117
15	NW 3	W 7	S 4	S 14	SSE 19	S 13	W 10	WSW 7	W 6	NW 7	WNW 3	WNW 2	146
16	SSE 7	ESE 2	SE 0	S 0	S 0	S 0	SSE 0	ESE 0	E 0	E 0	E 0	ENE 1	60
17	NW 9	W 15	W 13	WSW 3	S 4	SSE 12	SW 16	SW 4	S 14	SSE 16	SSE 7	S 18	218
18	SSE 13	SSE 15	SSE 16	S 15	S 14	SSW 14	S 11	SSE 0	SSE 0	SSE 0	ESE 6	ESE 6	202
19	SW 4	E 0	NNW 11	WNW 24	WNW 20	WNW 15	W 9	WNW 3	WNW 7	NW 6	NNE 3	E 0	113
20	WNW 9	W 6	SW 12	SSW 18	SW 18	SW 18	SSW 17	SW 15	WSW 18	WSW 22	WSW 18	WSW 20	258
21	SW 25	W 27	W 20	WSW 19	WSW 22	WSW 27	SW 22	WSW 23	WSW 20	WSW 21	WSW 17	WSW 12	517
22	W 24	W 29	W 25	WSW 42	WSW 39	W 36	W 28	W 15	WNW 15	W 25	W 25	WSW 25	621
23	W 37	W 33	WNW 32	NW 40	NW 34	WNW 21	W 9	SSW 8	SSE 10	SE 10	S 7	SSW 4	498
24	W 20	W 26	W 19	W 20	W 25	WNW 20	WNW 9	W 0	SSW 3	SSW 14	SSW 16	WNW 12	231
25	S 17	S 10	SSW 14	SSW 9	SSW 7	SSW 2	S 0	S 0	S 0	S 0	S 0	SSE 8	163
26	WNW 23	WNW 12	WNW 17	WNW 14	SW 15	SSE 14	SSE 12	S 4	SSE 6	ESE 0	ESE 1	NNE 0	216
27	W 9	NNW 12	N 10	N 9	NNE 4	ENE 5	SE 8	ESE 0	SE 7	SSE 2	SSE 2	ESE 7	128
28	N 8	NNW 8	NW 6	NNW 1	NW 2	NW 1	SW 1	SE 0	SE 0	SE 0	SE 0	SE 0	54
29	ESE 5	SW 4	W 5	NW 13	NNW 13	NW 11	NW 1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	101
30	NE 11	NE 15	NE 12	NE 13	NE 12	NE 12	ENE 10	NE 6	NE 12	ENE 9	ENE 20	ENE 15	208

Juli 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	15.8	NE 7	NE 6	NE 13	NE 14	NE 19	NE 16	NNE 18	NE 23	NE 22	NE 20	NE 20	NE 22
2	3.7	NE 1	NE 1	N 0	NNW 1	N 0	NNE 0	NNE 0	NNE 0	ENE 3	NE 12	NE 6	NE 12
3	6.4	ESE 0	ESE 0	ESE 1	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	WNW 6	WSW 12	WNW 16
4	2.9	SW 0	W 5	NW 3	N 1	N 0	N 1	N 1	N 0	N 0	NNW 1	WNW 1	NW 5
5	5.9	WNW 1	WNW 1	WNW 1	NW 0	NNW 0	NNW 0	NNW 0	N 3	NE 4	NE 14	ENE 8	ENE 10
6	3.6	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	E 0	ESE 0	ESE 0	ESE 0	SSE 3	S 1	SW 0
7	4.7	E 3	NNW 4	NNW 0	NNW 1	NNW 0	NNW 0	ENE 0	ENE 0	ENE 0	NNE 2	NW 3	NW 12
8	2.8	WNW 1	NW 0	N 0	N 0	N 0	N 0	N 0	NW 0	WNW 0	WNW 0	WSW 1	WNW 1
9	10.4	SSE 13	SSE 11	S 8	S 0	SSE 6	SSE 4	SSW 3	WSW 11	WSW 23	W 29	W 18	WNW 16
10	4.2	S 3	ESE 1	ESE 8	SE 5	SE 2	SE 0	SE 0	SE 0	SW 7	WNW 12	NW 0	NW 0
11	5.1	SW 18	SSW 11	SW 11	WSW 1	W 1	NNW 0	NNW 6	NNW 3	NNW 8	NNW 4	NW 2	NW 6
12	5.9	NE 0	ESE 0	ESE 4	SE 3	SE 0	SE 0	SE 0	SSE 0	SW 0	W 0	WNW 2	NW 4
13	5.2	N 2	NNW 1	NNW 0	NNW 0	WNW 1	NW 7	WNW 7	NW 1	NW 3	NW 10	NW 11	NW 12
14	4.8	NNW 0	NNW 0	NE 0	E 0	E 0	E 0	NNE 6	NW 1	SW 0	W 1	NW 3	WNW 3
15	6.8	SSE 2	SSE 3	SSE 2	ESE 6	SSE 8	SSE 8	SSE 6	S 6	SSE 2	SW 4	WSW 9	WSW 13
16	4.3	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	WNW 2	NW 2
17	3.0	ESE 8	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSE 0	WSW 2	S 3
18	10.5	ENE 3	NNW 12	NNW 12	NNW 13	N 0	N 0	N 0	N 0	NNW 2	NNW 10	WNW 20	WNW 12
19	2.6	NW 3	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	N 0	N 1	ESE 1	S 9
20	7.5	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	NW 1	NW 0	SW 1	SSW 4
21	21.8	W 30	W 24	W 27	W 33	W 21	WNW 22	W 18	W 31	W 28	WSW 28	WSW 28	W 22
22	2.8	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 2	N 6	NE 4	NE 6	ENE 5
23	10.2	SSE 1	SSE 2	SSE 8	SSE 3	SSE 0	SSE 0	SSE 0	SSE 1	S 0	SSW 1	S 2	S 2
24	11.9	W 21	WSW 19	WSW 13	WNW 5	W 2	WNW 0	WNW 2	W 7	WSW 11	SW 6	WSW 16	WNW 17
25	6.8	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 6	WNW 8	WNW 14	WNW 16	NW 15
26	4.6	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 3	WNW 3	NW 2	NW 4	NNW 0	NNW 6
27	22.4	SE 7	SSE 4	SE 9	S 7	WNW 9	WNW 8	WSW 10	WSW 16	WSW 19	W 28	WSW 36	W 36
28	20.7	WSW 28	WSW 32	WSW 30	WSW 32	WSW 29	WSW 29	W 24	W 25	W 28	W 31	W 30	W 30
29	3.6	S 7	S 5	S 0	S 0	S 0	S 0	S 0	S 0	SSW 0	WSW 1	SE 4	NNW 6
30	4.5	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 4	NNW 10	NW 6	NW 8
31	4.5	NNW 2	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 3	NW 3	NNW 7

August.

1	2.3	NNE 0	NNE 0	NNE 2	NNE 0	NE 0	ENE 0	ENE 0	ENE 0	NW 0	WNW 4	W 4	SW 7
2	5.0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	N 7	NW 10	WNW 13	NW 1
3	8.0	SSE 3	SSE 6	SSE 6	SSE 7	SSE 9	SE 6	SSE 4	SSE 10	SSE 11	SSE 14	S 8	S 4
4	8.2	SSE 13	WNW 6	WNW 5	SSW 3	SSE 13	SSE 11	SSE 11	S 12	SSW 4	WNW 9	WNW 7	WNW 9
5	6.1	SSE 8	S 8	WSW 6	WNW 0	WSW 9	SSW 10	SSW 9	SSW 10	SW 10	SSW 6	SW 10	SW 13
6	17.8	NW 8	NW 9	NW 7	NW 4	NW 5	W 17	SW 16	SSW 11	SW 16	WSW 22	NW 31	NW 20
7	12.0	W 3	W 7	W 8	SSW 9	SSW 6	SW 9	SSW 14	SSW 5	SW 10	WSW 12	SW 21	WSW 19
8	4.9	SSW 5	SSW 4	SSW 1	SSW 0	SSW 0	S 4	SSE 0	SSE 5	SSE 4	S 5	SW 6	WNW 5
9	8.9	SSE 10	SSE 11	SSE 9	SSE 7	SSE 5	SSE 6	SSE 5	SSE 3	SSE 0	SSE 0	SSW 10	WSW 7
10	3.2	WSW 0	WSW 0	WSW 4	W 2	NW 8	NNW 5	NNW 0	NNW 1	NNW 1	NNW 1	NW 3	NW 4
11	10.1	SSE 0	SSE 0	SE 1	ENE 16	ENE 21	ENE 12	ENE 0	NE 5	NNE 6	NNE 12	ENE 16	NE 18
12	2.8	NNW 4	NNW 1	NNW 0	NNW 0	NNW 0	N 1	NE 0	NE 0	NE 1	NE 2	N 4	WNW 4
13	7.7	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 4	WNW 12	W 14	W 17
14	6.0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SE 1	ESE 6	ENE 7	N 4	N 8
15	2.8	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ESE 3	WSW 7
16	4.4	N 2	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	E 1	SSW 4
17	17.3	SSE 7	SSE 11	S 8	SW 11	WSW 20	W 15	NW 13	WNW 19	W 22	W 26	WSW 33	W 29
18	11.0	WNW 3	WSW 3	SW 0	WSW 4	SW 2	E 2	NW 1	WSW 3	W 15	WNW 12	W 21	WNW 21
19	13.0	WNW 12	WNW 12	WNW 11	W 6	W 5	WNW 7	WNW 8	WNW 5	WNW 10	W 9	WSW 15	W 19
20	2.6	SSW 7	ESE 1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	WNW 3	WNW 8	W 8
21	3.6	SE 1	E 0	ENE 1	NE 0	E 3	E 1	E 0	E 0	E 0	NW 3	E 5	NE 8
22	1.0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSE 0	SW 2	SW 3
23	7.0	ENE 0	ENE 0	E 2	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	SE 3	SSW 2	SW 11	WSW 13
24	13.0	SE 5	SW 21	SSW 20	SW 17	SSE 18	SSE 18	E 2	NW 0	W 16	WSW 17	SSW 11	W 13
25	5.6	SW 18	SSE 21	WSW 8	W 7	SW 2	WSW 4	SW 6	W 1	W 7	W 8	NW 8	W 7
26	10.7	ESE 2	ESE 0	NE 8	SE 9	SSW 2	SSE 10	SW 5	SW 5	SSW 7	SSW 8	WSW 12	WSW 16
27	6.9	WNW 2	WNW 4	WNW 1	WNW 4	WNW 1	WNW 0	WNW 0	WNW 1	WNW 4	WNW 6	NW 14	W 14
28	11.8	WNW 7	WNW 3	SSE 2	SSE 0	SSE 0	SSE 0	SE 1	SE 2	S 3	WSW 11	WSW 16	WSW 21
29	9.0	W 3	WNW 7	NNW 1	NNW 1	NW 0	WNW 2	WSW 4	W 6	WNW 11	WNW 13	WNW 14	WNW 11
30	8.2	NW 6	WNW 1	WNW 10	NW 17	WNW 16	NNW 13	NNE 12	ENE 8	SSW 8	WSW 8	SSW 8	SSW 7
31	6.0	SE 4	SE 1	SE 0	SE 0	SE 3	SE 0	SE 2	SE 0	SE 1	SSW 2	SW 5	SSW 6

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Juli. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	NE 23	NE 21	ENE 19	ENE 19	NE 15	NE 14	NE 11	NE 12	NE 6	NE 15	ENE 16	NE 7	378
2	ENE 11	N 8	NE 3	E 5	N 2	NNW 14	S 8	SE 3	ESE 0	ESE 0	NE 0	NE 0	90
3	WNW 26	WNW 26	NW 16	ENE 19	ESE 7	SE 3	SSE 1	SW 0	SSW 6	SSW 5	S 3	SSW 5	153
4	NW 6	NW 11	WNW 11	WNW 11	W 11	W 2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	70
5	ENE 11	ENE 13	E 14	E 14	ENE 10	E 14	ESE 5	ESE 0	ESE 6	E 8	ENE 5	ENE 0	142
6	WNW 1	NW 5	NW 1	S 8	S 13	S 14	SSE 12	SSE 10	SSE 8	SSE 4	SSE 3	SSE 3	86
7	NW 5	NW 14	WNW 15	WNW 14	WNW 12	WNW 13	WNW 13	WNW 2	WNW 0	WNW 0	WNW 0	WNW 0	113
8	WNW 7	W 11	W 12	WSW 11	W 11	WSW 6	SW 1	SW 0	S 0	S 0	S 0	S 6	68
9	WNW 11	NW 13	NW 18	WNW 21	WNW 16	NW 11	NW 1	NW 0	NW 3	SSE 8	S 4	WSW 2	250
10	WSW 0	S 0	S 5	SSE 15	SSE 9	S 3	SSE 1	SSE 2	SE 2	SE 1	SW 6	W 19	101
11	NNE 5	NNE 2	SW 2	SSW 7	SSW 9	SSW 13	S 8	S 0	SW 1	NW 5	NNW 0	NNW 0	123
12	NW 5	W 15	W 22	WSW 18	WSW 20	WNW 19	WNW 12	NNW 13	NW 3	NW 0	NW 0	NW 1	141
13	NNW 13	WNW 12	WNW 8	WNW 9	WNW 5	NW 9	N 10	NNW 4	NNW 0	NNW 0	NNW 0	NNW 0	125
14	NW 10	NW 13	SW 11	S 3	S 4	SSW 9	SW 9	W 11	SW 13	WSW 13	SW 5	S 1	116
15	WSW 10	WSW 21	W 16	WNW 13	NW 13	NNW 7	N 1	NNE 3	ENE 1	ENE 0	ENE 0	ESE 8	162
16	NW 5	WNW 14	W 16	W 13	WSW 10	SW 8	S 5	S 3	SSE 4	S 0	SSE 10	SE 11	103
17	S 8	S 1	S 6	SW 1	N 8	NNE 6	NNE 1	NW 3	N 3	NNE 6	SSE 6	SE 9	71
18	NNW 8	SW 9	SSW 10	SW 8	WNW 9	WNW 28	NW 19	NW 25	NW 24	NW 13	NW 3	WNW 11	251
19	W 6	SSE 4	WNW 5	WNW 11	W 8	WNW 4	SSW 2	ENE 1	NE 6	NNE 0	NNE 0	NE 0	62
20	SSW 3	S 3	N 6	ENE 7	SE 7	SSW 7	SSW 6	SSW 15	SW 30	WSW 38	W 28	W 24	180
21	WNW 24	WNW 14	NNW 20	NW 27	WNW 27	WNW 27	WNW 24	NW 20	WNW 12	NW 12	NW 5	NW 0	524
22	N 8	NW 7	N 3	N 9	NNW 6	NW 6	NW 3	W 1	W 0	W 0	W 0	SSW 2	68
23	SW 10	WSW 15	S 4	SSE 12	S 15	S 16	SSW 21	SW 24	SW 33	WSW 27	WNW 25	WSW 24	246
24	NW 20	WNW 15	NW 18	WNW 23	WNW 22	NW 25	WNW 22	WNW 17	NW 5	NW 0	NW 0	NW 0	286
25	W 13	WNW 12	WNW 6	W 3	WNW 8	WNW 12	WNW 16	NW 12	NW 11	NW 9	NW 3	NW 0	164
26	W 8	NW 7	WNW 11	NW 7	W 11	W 11	NW 18	NW 10	NNW 8	N 0	NE 1	ESE 1	111
27	W 37	W 39	W 41	W 37	W 33	W 28	W 27	WNW 11	WSW 18	WSW 25	WSW 29	WSW 24	538
28	W 30	W 21	WSW 23	WSW 21	WSW 12	SW 8	SSW 8	SW 9	SW 2	SSW 3	SSE 7	S 5	497
29	NNE 5	NW 4	NNW 3	N 9	NNW 6	NNW 10	N 9	NNE 10	NNE 7	NNE 0	NNE 0	NNE 0	86
30	NNW 8	NNW 6	NNW 3	NNW 5	NW 7	WNW 9	WNW 15	WNW 2	NW 2	NNE 12	NNE 9	NE 1	107
31	NW 7	W 11	WNW 13	WNW 13	WNW 17	W 15	WNW 10	NW 1	NW 1	N 4	NNE 0	NNE 0	107

August.

1	NNE 6	W 7	NW 5	NW 6	NNW 4	N 1	NE 2	ENE 6	ENE 0	ENE 0	ENE 0	ENE 0	54
2	W 3	W 15	WSW 14	W 6	WSW 5	SW 11	WSW 11	W 3	SSW 7	S 3	SW 8	WSW 2	119
3	SSW 4	S 8	S 10	S 9	S 5	S 13	S 9	SSE 9	SE 3	ESE 11	ESE 10	ESE 14	193
4	WNW 2	WNW 4	SW 9	SSE 9	S 17	S 14	SSW 7	SSW 7	SSW 9	SW 6	SW 6	S 5	198
5	SSW 9	SSW 7	W 14	NW 5	NW 1	NW 0	NW 1	NW 0	NW 0	NW 0	NW 3	NW 8	147
6	WSW 23	WNW 14	NW 11	WNW 30	NW 38	WNW 28	WNW 17	WNW 15	WNW 24	WNW 14	WNW 27	WNW 19	426
7	WSW 25	WSW 19	W 20	W 21	WSW 16	WSW 16	SW 13	SSW 9	SSW 10	SSW 7	SSW 4	SSW 4	287
8	NW 7	NNW 3	NW 5	W 7	W 7	WSW 7	SSW 12	SSW 6	SSW 0	S 9	SSE 7	SSE 8	117
9	WNW 5	WNW 15	W 18	WNW 15	WNW 29	WNW 15	WSW 10	SW 9	SSW 10	SW 9	WSW 3	WSW 2	213
10	WNW 2	WSW 3	WNW 11	ESE 10	ESE 8	SE 6	SSE 3	SSE 1	SSE 0	SSE 3	SSE 2	SSE 0	78
11	NE 18	ENE 18	ENE 15	ENE 13	NE 9	NE 9	ENE 10	ENE 12	ENE 14	ENE 11	ENE 5	NNE 1	242
12	NNW 5	NW 6	NW 2	NW 5	WNW 5	WNW 8	WNW 7	WNW 2	WNW 0	WNW 3	WNW 6	WNW 1	67
13	WNW 19	WNW 26	WNW 21	W 14	WSW 12	SW 9	SSW 8	SE 12	ESE 7	SSE 5	SSE 4	SSE 0	184
14	NE 19	NE 16	NE 18	NE 14	ENE 13	NE 9	ENE 11	ENE 12	ENE 6	ENE 0	ENE 1	ENE 0	145
15	WNW 12	WNW 12	WNW 9	W 11	SW 8	W 2	NW 0	N 0	N 0	N 0	N 0	N 4	68
16	WSW 4	W 9	W 11	SW 5	SW 5	SSW 7	S 7	SSE 8	SSE 11	SSE 13	SSE 12	SSE 7	106
17	WNW 34	WNW 34	WNW 33	NW 28	WNW 20	WNW 16	WNW 13	W 9	W 1	WNW 6	WNW 2	NW 6	416
18	WNW 26	WNW 23	WNW 22	NW 28	WNW 26	WNW 23	NW 18	NW 2	NW 5	WNW 4	WNW 1	WNW 0	265
19	WNW 24	WNW 28	NW 26	WNW 28	NW 28	WNW 26	NW 18	NW 11	WNW 2	W 1	W 0	W 0	311
20	WNW 9	WNW 6	WNW 6	WNW 7	NW 5	NNE 0	N 1	ENE 1	E 1	SE 0	SSE 0	SSE 0	63
21	NE 5	NE 9	ENE 7	NE 9	ENE 6	NE 5	NNE 8	NE 10	ENE 0	E 3	ESE 2	ESE 0	86
22	SW 5	WSW 2	WSW 6	SW 5	W 0	NNW 0	NNW 0	NE 0	ENE 0	ENE 0	ENE 0	ENE 1	24
23	WSW 16	WSW 13	W 15	WSW 19	SW 11	SSW 6	SSE 5	SSE 6	SE 12	SE 13	SE 8	SSE 13	169
24	WNW 18	WNW 17	WNW 17	SW 14	SE 15	SSE 22	SSE 7	SE 12	SE 9	SE 0	SE 2	SW 22	313
25	WSW 6	WNW 6	W 4	NW 7	N 6	NNW 4	NNE 1	NNE 0	NNE 0	NNE 0	ENE 0	ESE 4	135
26	WNW 21	WNW 17	WNW 26	WNW 28	WNW 27	WNW 18	WNW 13	WNW 2	NW 4	W 2	WSW 9	WSW 7	258
27	WNW 18	WNW 18	NW 19	NW 17	WNW 16	NW 13	WNW 12	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	165
28	WSW 24	WSW 26	WSW 29	W 20	WNW 23	WNW 28	WNW 30	NW 19	NW 9	WNW 1	WSW 6	W 3	284
29	WNW 16	WNW 22	W 17	W 19	W 16	W 15	NW 21	NNW 11	NNW 5	NW 0	W 0	W 2	217
30	SW 7	SW 10	SSW 11	S 13	SSW 12	SW 7	S 3	SSE 3	SE 4	SE 5	SE 7	SE 0	196
31	WSW 10	W 12	W 14	WSW 9	SW 9	SSW 9	S 5	SSE 4	SSE 9	SSE 13	SSE 14	SSE 11	143

September 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	12.3	SSE 10	SSE 12	SSE 10	SSE 7	SSE 6	SSE 8	SSE 7	SSE 6	SSE 5	S 8	SW 14	WSW 19
2	4.5	NW 18	NW 9	NW 0	W 1	SW 1	SW 2	S 9	SSE 7	SSE 6	SSE 0	SSE 0	SSE 0
3	7.2	SSE 8	SSE 9	SSE 7	SSE 4	SSE 4	SSE 0	SW 1	WNW 1	NW 2	NW 2	WNW 12	WNW 9
4	6.0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NNE 0	NNW 0	NNW 0	NNW 0	W 3
5	6.8	SE 9	SE 6	E 2	ESE 1	SSE 10	SE 11	SE 5	SE 0	SSE 0	W 9	WNW 19	SW 6
6	8.3	SSE 17	SSE 10	SSE 1	SSW 1	NW 4	NW 3	SSW 5	S 5	S 7	S 6	SSW 12	W 9
7	5.6	SE 7	SE 6	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 4	SSW 5	WNW 9
8	14.0	W 19	WSW 8	SW 6	WSW 0	SSW 3	SE 5	ESE 3	ESE 0	SW 5	WSW 9	SSE 15	S 10
9	22.4	SW 20	S 13	S 8	WSW 36	W 39	W 31	W 25	WSW 20	WSW 18	WSW 28	SW 31	SW 30
10	14.7	S 10	SSE 10	SSE 8	SSE 8	SSE 7	SSE 13	S 7	SSE 6	SSE 10	SSE 1	SSE 3	SSW 7
11	20.6	WNW 14	NW 16	WNW 12	WNW 1	SW 11	SW 16	SW 20	SSW 24	SSW 29	SSW 25	WSW 23	SW 14
12	26.0	SSW 15	SW 11	W 24	W 33	WNW 27	WSW 26	SSW 28	SSW 29	SSW 29	SSW 32	SW 29	SW 31
13	14.2	SSW 18	SW 21	WSW 13	WSW 17	WSW 27	WSW 21	WSW 13	WSW 15	WSW 21	W 20	WNW 19	W 14
14	3.1	NW 0	NW 0	NW 0	NW 0	NW 2	NW 0	NW 0	NW 1	SW 6	SSE 0	WSW 3	WSW 5
15	3.7	SE 4	SE 6	SE 6	SE 0	SE 7	SE 6	SE 5	SE 1	SE 1	SE 1	SE 1	WNW 4
16	1.6	ESE 0	NE 1	NNW 0	NNW 0	NNW 0	ENE 0	ENE 0	ENE 0	ENE 0	NNW 9	NNW 0	WNW 1
17	4.2	ESE 0	ESE 0	ESE 2	ESE 1	SE 3	SE 8	SE 3	SE 5	S 5	S 8	SW 2	WSW 3
18	4.1	ESE 1	ESE 1	ENE 1	NW 4	NNE 3	NNW 10	NW 2	W 7	NW 9	WNW 6	W 6	SSE 8
19	6.2	NW 5	N 5	NNE 3	ENE 3	ESE 9	W 8	ESE 14	S 10	S 10	SSE 5	SSE 1	SSW 3
20	6.6	NNW 1	NNW 5	NW 10	NW 4	NW 2	NW 8	NNW 19	N 24	N 16	NNW 12	N 5	NE 3
21	9.2	E 0	NE 4	NW 6	NW 3	NW 1	NW 7	WSW 6	SW 13	SSW 14	SW 12	WSW 19	W 23
22	4.2	NW 2	NW 0	NW 0	NW 0	NW 2	NW 2	NW 0	SW 2	SSE 1	S 3	SSW 3	WNW 6
23	6.6	E 6	NNW 6	WNW 9	NNW 11	ENE 9	SSE 13	SSE 12	SSE 4	S 0	WSW 0	W 2	NW 3
24	5.6	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 5	WNW 7	WNW 8	NW 10	N 9	NNW 11	NNW 9
25	7.3	NNE 6	NNE 7	NNE 7	NNE 1	NNE 5	NNE 6	NNE 6	N 9	NNW 8	NNW 3	NNW 7	NW 8
26	2.4	S 2	S 5	S 1	S 0	S 1	S 1	S 0	S 0	S 0	S 3	SW 7	WNW 9
27	5.4	WNW 0	WNW 1	WNW 0	WNW 3	WNW 1	WNW 0	WNW 3	WNW 3	WNW 1	WNW 6	WNW 12	WNW 7
28	6.2	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 7	WNW 9	SSW 8	WSW 6	W 11
29	6.0	WNW 1	WNW 0	WNW 1	WNW 1	WNW 3	WNW 0	WNW 1	WNW 5	WNW 7	WSW 9	SSW 10	SW 12
30	20.1	WNW 10	SW 11	SW 9	SW 14	SW 27	SW 20	S 9	WSW 34	WSW 45	WSW 42	WSW 42	WSW 30

Oktober.

1	4.8	WSW 5	WSW 7	WSW 3	WSW 1	W 5	NW 0	NW 0	NW 0	NW 0	NW 4	NW 8	NW 7
2	4.7	NNE 1	NNE 7	NNE 10	NNE 10	NNE 11	NNE 8	NNE 6	NNE 2	NNE 7	NNE 7	NNE 6	N 7
3	6.0	NW 0	NW 0	NW 0	NW 0	NW 1	NW 0	N 3	NE 10	NE 2	NE 6	ENE 8	ENE 8
4	4.0	ENE 6	ENE 3	ENE 4	ENE 6	ENE 3	ENE 11	ENE 4	ENE 1	NE 10	NE 8	NE 6	N 4
5	4.2	NW 1	NW 8	NW 7	NW 2	NW 3	NW 0	NW 0	NW 2	NW 1	WNW 6	W 5	W 6
6	1.8	WNW 0	WNW 0	WNW 0	WNW 0	WNW 3	WNW 2	WNW 0	WNW 0	WNW 0	WNW 1	WNW 6	WNW 8
7	2.9	SSW 4	SSW 0	SSW 2	SSW 0	SSW 1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 1	WSW 4
8	9.2	SSE 8	SSE 9	SSE 7	SSE 9	SSE 8	SSE 2	SSE 9	SSW 11	WNW 24	WNW 18	W 9	WSW 13
9	6.1	WNW 7	NW 0	NW 0	NW 2	NNW 6	NNW 5	NNW 3	NNW 4	NNW 7	NNW 6	NNW 9	NNE 13
10	7.8	N 7	N 11	NE 11	N 5	NW 7	NNW 8	NNE 11	NNE 14	NE 9	NE 5	NNE 6	NE 12
11	3.3	N 1	N 1	NW 2	W 6	SW 8	SW 6	SW 9	SW 8	SW 7	SW 2	SW 6	WSW 2
12	3.7	SSE 6	SSE 7	SSE 6	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SW 1	WNW 4
13	4.0	WNW 4	WNW 7	NNW 5	NNW 3	NNW 2	NNW 5	NNW 7	NNW 4	NNW 7	NNW 4	NNW 5	NNW 6
14	3.2	NNW 0	NNE 1	ENE 0	NE 0	N 0	N 1	N 4	N 5	N 2	NNW 2	NE 2	NNW 6
15	7.5	NW 1	NW 1	NW 6	WNW 4	WNW 0	WNW 4	WNW 3	NW 4	NNW 0	NNW 1	NNW 0	NW 2
16	5.0	WSW 15	WSW 15	SW 14	S 8	SSE 9	SSE 6	SSE 4	SSE 4	S 2	SSW 5	SSW 3	SSW 7
17	1.2	SSE 0	SSE 0	SSE 0	ESE 1	SSE 0	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 1	SSE 4
18	5.3	ENE 0	ENE 4	NNE 1	N 5	N 7	N 7	N 3	N 5	N 3	NE 4	NNE 4	NE 2
19	4.8	NNW 5	WNW 6	WNW 0	N 4	ENE 4	NE 12	NE 4	NE 6	NE 3	NNE 8	NNE 6	NNE 6
20	4.5	NNW 3	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 1	NNW 0	NNW 1	NW 6	W 14	W 12
21	3.6	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	NNE 11
22	2.5	N 0	NNW 1	N 1	NE 0	NE 0	SE 1	ESE 0	SW 7	NW 5	NNW 3	SE 3	SSW 4
23	1.4	ESE 0	ESE 0	ENE 0	N 0	NW 0	NNW 1	NNW 0	NNW 0	NNW 0	NNW 0	W 1	WSW 2
24	2.1	E 0	E 0	NE 2	NNW 12	NNW 8	NNW 7	NNW 1	NNW 0	NNW 0	NNW 2	NNW 1	NNW 0
25	1.1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NW 3	WNW 2	WNW 0	WNW 0	W 6
26	8.1	WSW 5	NW 8	NW 14	NW 11	NW 16	NW 17	WNW 18	W 15	W 12	WNW 14	WNW 15	WNW 12
27	4.4	WNW 1	NW 5	NNW 6	NNW 5	N 4	NNE 0	NNE 0	NNE 0	NNE 0	N 0	NNE 0	N 9
28	4.3	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 1	NE 0	N 11
29	4.5	NE 1	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 2	NNE 1	ENE 1	ESE 3	NE 4	SE 6
30	4.8	NNE 5	NNW 11	NNE 10	NNW 4	WNW 0	NW 3	NNW 8	N 1	N 0	N 0	N 0	N 4
31	1.8	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	SSW 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). September. Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	W 26	W 30	W 22	WNW 15	NW 14	NW 16	NNW 13	NNW 11	NNW 4	NW 10	WNW 5	NW 17	296
2	SSE 7	S 7	S 9	SSW 8	SW 7	S 12	SSE 4	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	107
3	NW 16	NW 20	WNW 17	WNW 19	WNW 16	WNW 10	NW 1	NW 2	NW 6	NNW 4	NE 3	ENE 0	173
4	SW 6	SW 9	SW 16	SSW 20	S 15	S 17	SSE 10	SE 9	SE 3	SE 9	SE 12	SE 14	143
5	S 7	SW 10	NW 25	NW 14	W 1	SSW 0	WNW 5	ENE 2	ESE 2	NNW 6	NNW 3	NNW 10	163
6	SW 10	SSW 12	SSW 14	SSW 13	SW 17	SW 11	SSW 8	SSE 2	SE 7	SE 7	SE 9	SE 8	198
7	WNW 11	NW 11	WNW 6	WSW 4	S 7	SSE 3	SSE 0	SSE 15	SE 11	SE 6	N 3	WNW 25	134
8	SSW 13	SSW 14	SSW 13	SSW 17	S 20	SW 18	SW 15	SW 18	W 27	WSW 34	WSW 32	SW 31	335
9	SW 24	WSW 22	SW 18	WSW 26	WSW 19	WSW 24	WSW 27	SW 19	SW 20	SW 14	SW 9	SSW 16	537
10	SW 19	SW 32	WSW 37	WSW 35	SW 27	SSW 18	W 11	WNW 16	W 15	WNW 16	WSW 18	W 19	353
11	SSW 14	SW 15	WSW 31	W 28	W 31	W 50	WSW 28	SW 20	SW 21	WSW 17	SW 19	SSW 15	494
12	WSW 26	WSW 26	SSW 18	SSW 22	SSW 32	SW 29	SW 31	SW 30	WSW 30	W 21	SW 21	SW 23	623
13	W 18	WNW 13	WNW 18	WNW 12	WNW 9	WNW 16	NW 10	NW 5	NW 4	NW 2	NW 8	NW 6	340
14	SW 7	SW 3	WNW 6	W 7	SW 7	SSW 4	SSW 2	S 2	SE 7	SE 3	SE 5	SE 5	75
15	NW 4	WNW 4	W 3	WNW 2	WNW 2	NNW 1	NE 2	NE 0	ENE 3	ESE 10	ESE 8	ESE 8	89
16	WNW 3	WSW 3	S 3	S 7	SSW 6	S 6	SSE 7	SE 0	SE 0	SE 0	SE 0	ESE 1	38
17	W 13	W 5	W 3	WNW 4	E 1	ESE 7	SE 1	E 1	ENE 1	ESE 10	SE 6	ESE 8	100
18	SSW 3	W 2	NW 1	NW 0	W 0	S 4	ESE 3	ENE 2	SSE 8	ESE 10	E 4	E 3	98
19	SSW 5	S 2	S 8	S 8	S 6	SW 5	NW 12	NNW 6	NNW 8	WNW 11	NNW 1	NNW 0	148
20	NNE 16	N 11	N 4	NE 4	ENE 2	ESE 1	ENE 0	NNE 1	NNE 3	NE 6	NE 0	ENE 2	159
21	WSW 21	WSW 20	WSW 15	W 16	NW 10	NNW 9	NW 6	NW 3	NW 0	NW 0	NW 4	NW 8	220
22	NW 14	SW 6	SSW 8	WSW 10	SE 5	WNW 0	NW 6	NW 4	ESE 15	S 6	SE 3	ESE 3	101
23	NNW 2	N 4	NW 7	N 6	NW 15	WNW 20	WNW 18	WNW 7	WNW 1	WNW 1	WNW 1	WNW 1	158
24	N 7	NNE 2	NE 5	NE 8	NE 7	NNE 9	NNE 7	NNE 8	NNE 5	NNE 6	NNE 5	NNE 6	135
25	W 9	WSW 10	SW 11	S 17	S 14	S 5	S 3	S 9	S 8	S 4	S 4	S 8	175
26	WNW 5	WNW 5	WNW 4	WNW 3	WNW 5	WNW 1	WNW 3	WNW 2	WNW 0	WNW 0	WNW 1	WNW 0	58
27	WSW 7	WSW 13	WNW 6	WNW 11	WNW 18	WNW 16	WNW 7	WNW 7	WNW 1	WNW 4	WNW 1	WNW 1	129
28	W 10	WNW 18	NW 18	NW 3	NW 9	WNW 16	WNW 11	WNW 5	WNW 6	WNW 7	WNW 3	WNW 0	148
29	SSW 11	SSW 5	SW 10	WSW 21	WSW 14	W 11	WNW 5	WNW 0	WNW 0	WNW 4	WNW 5	WNW 9	145
30	WSW 22	WNW 28	WNW 36	WNW 32	WNW 15	WNW 15	WNW 7	W 11	W 6	WSW 7	WSW 5	WSW 6	483

Oktober.

1	NW 6	WNW 6	WNW 5	WNW 8	NW 2	NW 0	NW 0	NNW 13	NNE 18	NE 8	NNE 3	NNE 6	115
2	N 4	N 3	N 1	N 4	NW 11	NW. 5	NW 0	NW 0	NW 0	NW 2	NW 0	NW 0	112
3	NE 10	NNE 12	NNE 10	NNE 13	NE 14	ENE 12	ENE 16	ENE 10	ENE 0	ENE 0	ENE 2	ENE 6	143
4	NNW 4	NW 5	NW 7	NW 7	NW 2	NW 0	NW 2	NW 3	NW 0	NW 0	NW 0	NW 0	96
5	W 7	W 11	WNW 7	WSW 6	W 13	WNW 11	WNW 5	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	101
6	WNW 7	WSW 3	SSW 6	SSW 1	SSW 0	SSW 3	SSW 3	SSW 0	SSW 1	SSW 0	SSW 0	SSW 0	44
7	WSW 3	WSW 5	W 8	W 9	SW 5	SW 1	SW 0	SW 0	SW 0	S 2	SSE 13	SSE 11	69
8	W 16	WSW 15	WSW 12	WSW 10	WNW 12	WNW 4	SW 8	S 2	SSW 3	S 4	SW 0	NW 7	220
9	NNE 12	NNE 12	NE 6	ENE 12	ENE 7	ENE 3	ENE 4	ENE 8	NE 5	NNE 5	NNE 3	NNE 8	147
10	NE 10	NE 6	NNE 6	NE 11	NNE 13	NE 8	NE 10	NE 10	ENE 4	ESE 0	ESE 0	NE 2	186
11	W 0	W 3	WNW 1	SW 7	SW 0	SSW 1	SSE 5	SSE 0	SSE 0	SSE 0	SSE 0	SSE 4	79
12	WNW 4	WNW 8	N 8	N 4	NNE 4	NNE 5	NE 3	NE 6	N 4	NNW 4	NNW 7	NW 8	89
13	NNW 7	NNW 6	NNW 1	NNW 0	NNW 0	NNW 0	NNW 2	NW 9	WNW 1	WNW 4	WNW 5	NW 2	96
14	NNE 8	NNE 9	NNE 8	NNE 1	NNE 7	NNE 5	NNW 4	NW 3	NW 3	NW 2	NW 3	NW 2	78
15	WNW 4	WNW 4	SW 11	SW 14	SSW 12	S 12	SSE 12	S 13	SW 16	W 18	WSW 20	SW 18	180
16	S 4	SSW 5	S 9	SSE 0	SSE 0	SSE 4	SSE 0	SSE 0	SSE 1	SSE 5	SSE 0	SSE 0	120
17	SE 1	NE 5	NNE 8	NNE 2	NNE 1	NNE 1	NNE 0	NNE 0	NNE 0	NNE 0	NNW 3	ENE 1	29
18	NE 4	ESE 2	SSW 0	WSW 1	NNW 4	NNE 8	NNE 13	NNE 12	NNE 11	NNE 10	NNE 11	NNE 7	128
19	NNE 5	NNW 1	NNW 1	NNE 1	NNE 0	N 6	NNW 6	NNW 10	N 5	NNW 4	NNW 6	NNW 6	115
20	W 16	W 16	WNW 14	W 13	WNW 8	WNW 1	NNE 0	ESE 3	ESE 1	ESE 0	ESE 0	ESE 0	109
21	NW 11	NW 10	NNW 8	NE 9	NNE 10	ENE 15	ENE 6	ENE 0	ENE 0	ENE 0	N 5	N 1	87
22	WSW 5	WSW 2	NW 8	NNW 1	NNE 5	NNW 6	NNW 2	NNE 3	ENE 0	ENE 1	NNE 2	NE 1	61
23	W 6	SSE 4	NE 2	N 4	NW 2	SSE 4	SE 1	ENE 2	N 1	WNW 1	N 1	E 1	33
24	NNW 0	NNW 0	NNW 0	NNW 5	NW 7	NNW 3	N 0	N 0	N 0	NNW 3	NNW 0	NNW 0	51
25	W 5	WNW 4	WNW 3	WNW 1	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WNW 0	WSW 1	S 0	26
26	WNW 2	WSW 4	S 6	WSW 8	WNW 10	WNW 5	WNW 2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	194
27	NNE 9	NNE 7	NNW 7	NNE 9	NNE 5	NNE 9	NE 10	NE 4	NE 3	NE 0	NE 0	NE 0	105
28	NNW 13	NE 13	NNE 10	NNE 12	NNE 10	NE 12	NE 14	ENE 5	NE 1	N 0	N 0	N 0	102
29	ENE 9	NE 12	NNE 15	NE 18	NNE 5	N 4	N 4	N 4	N 4	N 6	NNW 3	NNE 7	109
30	NNE 7	NNE 7	NNE 7	NE 9	NNE 8	NNE 7	NNE 6	NNE 6	NNE 7	NE 1	NE 1	NNE 4	116
31	ENE 3	N 2	NNW 6	NNE 5	NE 5	ENE 3	ENE 1	NNE 0	NNE 4	NNE 4	NNE 5	NE 6	44

November 1918. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	3.0	ENE 3	ENE 4	ENE 6	ENE 1	NW 5	W 1	W 2	WSW 10	SW 10	SSW 11	SSW 8	S 7
2	1.9	WNW 0	NW 3	NNW 3	SW 6	SE 7	SE 2	SE 4	ENE 4	NNW 1	E 3	SW 0	WSW 2
3	2.3	SE 3	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	W 3	NW 0	NW 2	NW 2
4	3.8	SE 0	E 2	ESE 4	SE 4	ESE 1	SE 5	ENE 4	NNW 9	NNW 3	NNW 2	NNW 0	NNW 0
5	2.0	NE 1	N 2	NNE 1	N 1	N 0	N 1	NNW 1	ENE 3	E 2	E 0	NE 4	NNW 5
6	2.3	ESE 0	NE 1	N 0	ENE 3	SE 4	SE 3	SE 2	S 1	S 0	S 0	W 4	N 2
7	3.6	N 6	ENE 2	NNE 0	N 3	N 3	S 7	N 5	SE 1	ENE 1	NNW 1	WNW 2	WNW 1
8	3.6	NNE 0	E 3	SSE 9	SSE 10	SSE 9	SSE 9	SSE 4	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0
9	3.1	SSE 0	SSE 1	SSE 10	SSE 6	ESE 5	NNE 5	ENE 3	NNE 0	NNW 2	NNW 2	NW 7	NW 8
10	6.1	N 1	N 3	N 6	NNE 12	NNE 10	NNW 7	NNW 5	NNE 7	NNE 8	N 9	N 3	NNW 3
11	1.5	NW 0	N 1	NNE 0	ENE 1	ESE 1	ESE 0	ESE 0	S 2	SW 4	SW 3	WSW 4	SW 1
12	5.9	NNE 1	N 0	N 0	N 0	N 0	N 1	N 4	N 0	N 2	N 1	NNW 0	NNW 1
13	15.7	NNE 11	NNE 17	NE 24	NE 29	NE 22	NE 19	NE 23	NE 27	NNE 25	NNE 16	NE 17	NE 16
14	8.7	NNE 2	N 5	N 4	NNE 2	N 8	N 8	N 6	N 8	N 5	N 5	NE 11	NE 14
15	12.2	NE 16	ENE 14	NE 14	NE 16	NNE 15	NNE 9	S 9	ENE 5	NE 3	N 9	NE 14	NE 16
16	13.8	NE 11	NE 14	NE 12	NE 16	NE 18	NE 23	NE 21	ENE 22	ENE 19	ENE 20	ENE 21	NE 18
17	1.2	ENE 2	ENE 1	ENE 0	ENE 0	ENE 0	ENE 0	NNE 0	N 2	NNE 3	NW 2	WNW 1	W 3
18	6.1	S 0	S 0	S 0	S 0	S 0	S 2	W 2	N 2	NNW 9	NNW 9	NNW 8	NW 7
19	5.3	NNE 15	NW 6	WNW 4	WNW 5	NNW 2	NE 0	E 0	NE 3	NNW 2	NNW 1	NNW 0	NNW 4
20	8.8	NE 7	NE 10	ENE 9	NE 10	NNE 8	NNE 13	NNE 11	NNE 7	N 6	NNE 8	NE 7	N 8
21	6.3	NW 12	NNW 12	NNE 17	NNE 11	NE 17	NE 12	NNW 3	N 7	NNE 7	NNE 7	NNE 3	NNE 7
22	3.6	NE 1	E 7	ESE 0	E 1	NNE 4	NNW 3	E 2	ENE 6	ENE 3	SSE 4	SE 9	SE 5
23	2.4	SSW 1	SE 2	NE 4	ENE 1	NNW 4	W 5	NNW 3	ESE 2	SE 4	SE 4	SE 3	W 3
24	3.3	NNW 1	W 4	WSW 1	W 4	NW 7	NW 6	WNW 2	WSW 2	SSW 1	S 4	SSW 2	WNW 2
25	1.3	ENE 1	E 2	SE 2	SSE 1	SSE 1	NNW 3	NNE 1	NW 0	W 1	WSW 0	WSW 0	WSW 1
26	2.5	S 3	S 3	S 7	SSW 10	SSE 8	SSE 6	SSE 5	SSE 7	SSE 0	SSE 1	SSE 0	SSE 0
27	10.4	E 0	E 0	E 0	E 1	E 0	E 0	E 5	E 1	SE 5	S 0	S 0	SSE 7
28	8.9	W 7	W 3	WSW 7	W 6	WNW 5	W 5	W 5	W 2	W 4	WSW 1	WSW 8	W 3
29	12.1	SW 17	SSW 20	SW 22	SW 17	SW 28	SW 29	WSW 29	WSW 29	W 19	WNW 11	WNW 12	W 9
30	8.6	SSW 0	SSW 0	WSW 2	SSE 0	ENE 1	NE 2	N 3	NE 6	ENE 3	NNE 10	NE 11	NE 13

Dezember.

1	10.0	NE 8	NE 5	E 1	NE 7	NE 6	NNE 6	NNE 10	NNE 5	NE 10	NE 9	NE 12	NE 17
2	1.2	NNW 0	NNW 3	NE 2	NNW 0	NNW 0	WSW 0	E 2	ENE 2	ESE 2	ESE 2	ESE 1	SSW 4
3	1.0	WNW 1	NW 0	NNE 0	E 0	NNE 4	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	W 0
4	1.5	SSE 4	SSE 6	SE 3	SE 3	SE 0	SE 0	SE 3	SE 6	SE 5	SE 0	SE 0	SE 3
5	0.5	SSE 1	SSE 1	SE 0	SE 0	SSE 2	SE 4	SE 2	SE 0	SE 0	SE 0	SE 1	SE 0
6	0.1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 0	SE 0
7	0.1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
8	0.1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
9	0.1	E 0	E 0	E 0	NE 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 2	NW 0
10	1.1	NW 3	SSE 5	SSE 0	SSE 5	SW 0	SW 0	S 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0
11	18.7	NW 8	W 9	WSW 21	WSW 35	WSW 27	W 17	W 13	W 10	W 12	W 6	W 6	SW 15
12	11.3	WSW 9	SSW 9	SW 11	SW 5	S 3	SSW 2	SW 0	WSW 2	W 1	W 2	WSW 6	SW 14
13	29.5	SW 28	WSW 30	W 40	WSW 43	WSW 44	WSW 38	WSW 36	WSW 43	WSW 42	WSW 40	WSW 40	WSW 42
14	2.0	NW 10	WNW 9	WNW 1	W 4	WSW 4	SSW 3	SSW 10	SSW 3	SW 2	WSW 0	WSW 0	SW 0
15	2.7	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SE 5	E 0	E 0	SE 1	S 0	S 0
16	10.4	SSW 2	S 3	SSE 6	SSE 6	SSE 9	SSE 5	S 7	S 7	SW 11	SSW 14	SSE 6	SSE 5
17	16.6	W 13	WNW 16	W 14	WNW 24	WNW 21	WNW 9	WSW 2	WSW 10	W 5	WNW 14	WNW 4	WSW 15
18	16.0	W 10	W 6	W 6	WNW 5	WSW 12	SW 10	SW 11	SW 17	SW 17	SSW 14	SW 19	SSW 24
19	28.8	SSW 20	SW 38	WSW 28	SW 32	SW 34	SW 42	W 40	W 28	W 24	W 21	WSW 36	WSW 43
20	33.8	SW 27	SW 36	WSW 39	SW 41	SW 42	SW 45	SW 49	WSW 41	WSW 44	SW 45	WSW 36	W 38
21	11.3	SW 13	WSW 16	W 5	WNW 12	WNW 12	WNW 13	W 18	W 18	WNW 14	WNW 13	W 15	W 18
22	5.3	SSE 4	SSE 4	SSE 6	SSE 4	SSE 0	SSE 0	ESE 1	SE 0	SE 0	SE 2	SE 4	SSE 2
23	42.1	SW 42	SW 36	WSW 43	WSW 42	WSW 41	WSW 42	SW 41	SW 46	SW 47	SW 49	SW 38	SW 49
24	13.3	WSW 28	WSW 22	W 21	WSW 19	SSW 9	SSE 10	S 12	SSE 15	SE 9	SE 11	S 9	SSE 10
25	10.7	W 28	W 22	W 24	W 25	W 12	W 12	WNW 15	WNW 9	WSW 4	SSE 8	SW 6	W 15
26	2.4	SSE 7	SSE 3	SSE 0	SSE 0	SSE 0	SSE 1	SSE 2	SSE 0	SSE 0	SSE 0	SSE 0	SSW 0
27	5.2	SE 0	ESE 3	ESE 0	ESE 0	E 2	SE 11	SE 9	ESE 4	ENE 6	E 5	SE 7	S 4
28	19.0	SSE 2	S 13	SSW 18	SSW 14	SSW 9	S 11	S 15	SSE 16	SSW 12	S 11	S 10	SSW 15
29	39.4	WSW 55	WSW 59	WSW 58	WSW 50	WSW 37	WSW 40	WSW 44	WSW 41	WSW 43	WSW 44	WSW 37	WSW 23
30	16.7	SW 35	WSW 33	SW 29	SW 33	SW 35	WSW 32	SW 26	WSW 25	WSW 20	WSW 28	WSW 23	SW 10
31	10.2	S 2	SSW 6	SW 14	WNW 13	WNW 20	W 23	W 23	W 20	WSW 15	SSW 11	S 11	S 7

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **November.** Zürich.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SSW 4	SSW 0	SSW 0	WSW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	72
2	W 1	WNW 5	NW 1	NW 0	W 1	W 1	SSW 0	SSW 0	S 0	SSE 0	SSE 0	SSE 2	46
3	NW 4	NNW 9	NW 8	WNW 6	WNW 4	N 1	WSW 7	SE 1	SE 2	SE 1	SE 0	SE 1	55
4	N 0	SE 1	W 5	NNW 4	NNW 6	NNW 10	NNW 2	NE 3	ESE 7	SE 8	ESE 8	E 2	90
5	NW 1	WSW 3	SSW 7	S 6	SE 5	ESE 1	ESE 0	ESE 1	ESE 2	ESE 2	ESE 0	ESE 0	49
6	W. 1	W 0	WNW 4	NNW 7	N 0	N 0	N 5	N 3	NNW 1	N 1	NNW 8	NW 6	56
7	WNW 11	WNW 8	WNW 0	NNW 3	NNW 0	NNW 0	NNW 9	NNW 13	NNW 7	NW 0	NW 2	NNW 2	87
8	WSW 7	NW 13	NNW 10	NNW 1	NW 2	NW 1	NNE 2	SE 1	SSE 3	SSE 3	SSE 0	SSE 0	87
9	NW 5	ESE 0	ESE 0	ESE 0	ESE 0	ENE 3	N 1	N 3	N 6	N 2	N 3	N 3	75
10	NE 4	NNE 3	E 9	E 7	NE 7	NNE 13	NNE 16	NNW 3	WNW 4	WNW 0	WNW 6	NW 1	147
11	W 1	NW 1	NW 2	N 3	ENE 8	ENE 5	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	37
12	NNW 3	NNW 9	NNE 8	N 5	NNE 4	NNE 4	NNE 7	NE 5	NNE 13	NE 20	NE 25	NE 26	142
13	NE 23	NE 17	NE 19	NE 14	NE 12	NNE 8	NNE 8	NE 9	NE 10	NW 3	W 5	ESE 3	377
14	NE 15	NE 26	NE 11	NE 5	NE 7	NE 3	NNE 7	NE 9	NE 10	NE 6	NNE 23	NE 18	208
15	ENE 20	ENE 19	NE 16	NE 17	NE 12	NE 10	NE 12	N 8	N 8	NNE 8	NNE 11	NNE 12	293
16	NE 18	NE 18	ENE 14	ENE 10	NE 2	NE 5	NE 7	NE 7	ENE 11	NE 12	ENE 10	ENE 2	331
17	W 3	E 6	N 3	N 3	N 0	NE 1	SE 0	S 0	S 0	S 0	S 0	S 0	30
18	NNW 10	NNW 10	N 9	NNE 9	N 3	N 4	NNW 7	NNW 10	N 9	NNE 14	NNE 13	NNE 10	147
19	NNW 7	N 4	NNW 7	NNW 5	NNW 0	N 4	NNE 7	NNE 7	NNE 11	NNE 14	NNE 11	NE 8	127
20	NE 11	NNE 12	NE 12	NE 12	NE 8	NE 6	NNE 8	NNE 6	NNE 8	NNW 5	N 7	NW 12	211
21	ENE 7	E 12	ENE 11	E 5	ESE 0	E 0	E 0	E 0	E 0	ENE 0	NE 0	NE 0	150
22	ESE 5	N 6	N 7	NNW 7	N 5	N 0	NNE 1	E 2	NNW 2	W 4	SW 1	SSW 1	86
23	W 3	WNW 4	WNW 2	WSW 0	S 1	S 0	WSW 3	N 1	NNE 1	W 2	NW 2	NNW 3	58
24	WNW 4	WNW 1	WSW 1	S 4	S 9	SSE 6	SSE 7	SSE 5	SSE 0	SE 1	ENE 1	NNW 3	78
25	WSW 0	WSW 1	WSW 0	WSW 0	WSW 0	WSW 0	W 1	ENE 2	SSE 2	SSE 1	SSE 3	SSE 8	31
26	SSW 2	WNW 2	WNW 2	N 1	NNE 0	E 0	E 0	E 0	E 0	E 0	E 2	E 0	59
27	SSE 6	SW 9	WNW 5	W 14	W 25	W 25	WSW 30	WSW 30	WSW 30	WSW 26	WSW 17	WSW 14	250
28	WSW 10	WSW 14	SW 9	WSW 12	WNW 11	W 0	SSW 8	SW 18	WSW 15	WSW 24	WSW 19	SW 17	213
29	W 14	W 8	WNW 8	W 3	W 4	WNW 0	NW 2	N 0	NNW 1	N 5	ENE 3	SSW 0	290
30	NE 14	NNE 11	NE 12	NE 17	NE 14	NE 11	ENE 17	ENE 15	ENE 15	ENE 12	ENE 8	NNE 9	206

Dezember.

1	NE 12	NE 22	NE 18	NNE 15	NE 17	ENE 21	NE 13	NE 17	N 2	NNW 1	N 0	N 2	241
2	WNW 3	WSW 0	W 3	WNW 0	WNW 0	WNW 2	WNW 2	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	29
3	WNW 0	SW 0	SW 1	WNW 0	WNW 0	WNW 0	WNW 5	WNW 0	W 1	SSE 8	SE 3	SE 0	23
4	SSE 2	SSE 0	SSE 0	SSE 0	SSE 1	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	37
5	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	11
6	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 0	2
7	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 0	SE 0	SE 2	SE 0	SE 0	SE 0	3
8	SE 0	SE 1	SE 1	SE 0	SE 1	ESE 0	E 0	E 0	E 0	E 0	E 0	E 0	3
9	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	2
10	SSW 0	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WSW 0	WSW 2	NW 5	WNW 5	27
11	WSW 14	SW 15	SW 20	WSW 26	SW 20	SW 27	SSW 20	SW 30	WSW 26	W 25	W 23	WSW 24	449
12	SSW 14	W 16	WSW 24	WSW 26	SW 17	SSW 17	WSW 13	SW 15	SW 10	SSW 23	SW 20	SW 11	270
13	WSW 37	WSW 34	W 35	W 30	W 24	W 20	WNW 13	WNW 7	WNW 9	WNW 11	WNW 12	WNW 10	708
14	S 0	S 0	SW 0	SSW 1	SSE 0	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	48
15	S 0	S 0	S 4	S 3	SW 4	SSW 6	S 8	S 7	SSW 8	SW 8	SW 6	SSW 5	65
16	SSE 5	SW 10	SSW 13	SSW 14	SSW 17	SW 19	WSW 16	W 12	WSW 11	WSW 19	WSW 14	WSW 20	251
17	WSW 13	SW 23	WSW 23	WSW 26	WSW 20	WSW 20	WSW 24	WSW 23	WSW 26	W 18	WSW 18	W 17	398
18	SW 23	SW 28	SW 24	SW 20	SW 22	SW 21	SW 19	SW 20	SSW 17	S 12	W 6	SW 21	384
19	WSW 42	W 22	W 24	WSW 34	W 32	WSW 23	WSW 23	WSW 23	WSW 16	WSW 20	WSW 25	WSW 21	691
20	WSW 47	WSW 40	WSW 34	WSW 28	W 28	W 31	W 27	WSW 24	WSW 19	WSW 22	W 17	WSW 12	812
21	W 18	WSW 16	W 17	W 7	W 6	W 3	WSW 4	SW 5	SW 10	SSW 6	SSE 6	S 7	172
22	S 0	S 0	SSE 1	SSE 3	SSE 0	SSE 4	SSW 0	SSE 7	SW 9	WSW 21	WSW 25	SW 31	128
23	SW 51	SW 54	WSW 35	WSW 44	W 47	W 27	WSW 32	WSW 39	SW 47	WSW 44	W 35	WSW 39	1010
24	SSE 11	SSE 12	SSE 10	SSE 11	SSE 11	SSE 11	SSE 7	SSE 10	SSE 7	S 11	SSW 17	WSW 25	318
25	W 12	WSW 11	W 12	NW 7	NNW 3	NNE 1	NNE 0	ENE 2	SE 9	SSE 10	SSE 7	SSE 2	156
26	W 1	WNW 0	SSW 5	ENE 3	NNE 5	NE 10	ENE 5	ENE 2	ENE 3	ENE 3	ESE 4	SE 3	57
27	SSW 4	W 3	NNW 6	NNW 1	SW 6	SW 5	SW 4	SSW 5	S 11	SSE 8	SSE 12	SSE 9	125
28	WSW 30	SSW 13	SSE 9	WSW 30	WSW 15	S 3	W 21	WSW 29	WSW 37	WSW 36	WSW 40	WSW 48	457
29	WSW 34	WSW 44	WSW 35	SW 35	SW 31	SW 38	SW 35	SW 33	SW 37	SW 35	SW 26	WSW 32	946
30	SW 8	S 6	SSE 5	SSE 5	SSE 1	SSE 3	SSE 3	SSE 8	SE 8	SE 6	S 8	S 5	401
31	S 10	S 8	S 2	SW 2	SW 4	S 9	S 9	S 11	SSE 9	SSE 10	SSE 6	SSE 1	246

1918. **Häufigkeit der 16 Windrichtungen** (in Stunden). **Zürich.**

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	9	6	14	9	6	6	18	46	33	37	58	89	30	25	17	37	304	744
Februar	3	30	44	24	6	4	20	54	18	11	25	48	25	26	10	7	317	672
März	31	65	77	41	10	5	6	19	13	20	16	50	39	39	24	28	261	744
April	36	54	37	22	9	7	6	25	12	16	17	26	42	82	58	61	210	720
Mai	19	70	112	39	12	11	21	28	21	22	18	20	28	76	25	30	192	744
Juni	41	40	73	31	4	12	13	30	29	20	35	36	49	65	43	24	175	720
Juli	20	15	33	17	6	12	13	36	34	21	25	45	58	82	81	36	210	744
August	10	8	20	25	9	13	27	57	23	49	44	55	60	121	52	15	156	744
September	12	20	11	9	6	21	42	46	49	45	67	59	43	107	60	25	98	720
Oktober	46	87	54	35	1	5	5	28	10	18	18	26	24	49	54	70	214	744
November	62	63	88	47	19	12	28	29	14	12	15	30	40	27	29	60	145	720
Dezember	2	7	16	9	4	7	30	65	33	37	87	121	71	33	5	6	211	744
Summe	291	465	579	308	92	115	229	463	289	308	425	605	509	732	458	399	2493	8760
id. in %	3.3	5.3	6.6	3.5	1.1	1.3	2.6	5.3	3.3	3.5	4.9	6.9	5.8	8.4	5.2	4.5	28.5	100.0

Mittlere Windgeschwindigkeit (Meter pro Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	1.6	1.0	2.8	1.8	0.5	1.1	0.6	2.1	2.3	3.2	7.1	8.2	2.8	3.2	1.9	1.5	—
Februar	28 »	3.4	3.1	4.4	4.3	1.4	0.8	1.4	1.2	1.3	1.1	3.3	6.4	4.5	1.8	1.6	1.0	—
März	31 »	1.8	2.5	2.9	1.8	1.6	0.9	1.2	1.5	1.6	2.1	4.7	6.1	4.2	2.2	2.2	1.5	—
April	30 »	1.9	2.3	2.0	2.1	1.0	2.3	2.2	1.9	2.3	1.8	2.4	4.0	2.7	2.4	2.3	1.8	—
Mai	31 »	1.7	2.4	3.1	3.4	1.0	1.8	3.7	2.2	2.2	2.2	2.3	3.8	3.5	3.7	1.9	1.3	—
Juni	30 »	2.0	2.5	3.4	2.8	2.5	1.1	1.7	2.5	2.6	3.4	3.4	5.3	4.4	3.5	2.6	2.1	—
Juli	31 »	1.3	1.8	3.2	2.6	2.7	1.3	1.6	1.6	1.6	2.0	2.6	5.0	5.5	3.3	2.2	1.9	—
August	31 »	1.1	1.7	2.7	2.7	0.6	1.7	1.5	2.4	2.2	2.1	2.6	3.3	3.0	3.6	3.0	1.1	—
Septemb.	30 »	2.4	1.6	1.2	0.8	0.8	1.6	1.6	2.0	2.0	3.8	4.2	5.5	4.4	2.3	2.1	2.0	—
Oktober	31 »	1.2	2.0	1.9	1.5	0.3	0.6	0.7	1.6	1.7	1.1	2.3	1.9	2.7	1.7	1.5	1.4	—
Novemb.	30 »	1.2	2.5	3.4	2.1	1.1	0.9	0.9	1.4	1.3	1.7	3.5	3.3	1.5	1.4	1.4	1.4	—
Dezemb.	31 »	0.6	1.9	3.3	1.4	0.7	0.7	1.2	1.7	2.2	3.0	6.7	8.0	4.9	2.6	1.8	0.7	—
	Mittel	1.7	2.1	2.9	2.3	1.2	1.2	1.5	1.8	1.9	2.3	3.8	5.1	3.7	2.6	2.0	1.5	—

Monatsmittel der Windgeschwindigkeit (Kilometer pro Stunde).

		1h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24h	Mittel
Jan.	31 Tage	9.0	8.6	8.3	7.4	6.6	7.0	8.0	7.2	7.9	8.4	7.6	9.0	8.3	9.2	9.6	10.5	10.7	10.2	10.7	10.7	8.4	7.7	8.3	7.8	8.6
Febr.	28 »	5.4	3.8	4.3	4.6	5.0	4.3	5.4	4.6	5.3	6.1	7.1	7.8	7.8	9.4	9.2	9.0	7.0	5.7	5.1	6.0	5.6	4.7	4.5	5.1	5.9
März	31 »	6.2	6.2	4.6	5.1	4.6	3.7	3.7	3.2	3.5	4.5	6.7	8.3	10.8	10.9	11.2	10.5	9.7	7.7	8.0	6.4	6.5	5.5	4.8	5.5	6.6
April	30 »	3.3	3.8	3.6	2.9	2.7	3.4	3.9	4.1	5.3	5.7	6.5	7.7	7.4	7.4	8.0	8.3	9.2	9.9	8.6	6.8	5.1	4.6	3.3	4.3	5.7
Mai	31 »	6.0	4.0	3.1	3.2	3.5	3.5	3.8	5.6	6.2	6.5	9.3	10.8	11.5	11.4	11.0	12.2	11.7	11.7	9.5	9.2	6.6	5.6	5.1	5.2	7.3
Juni	30 »	4.9	5.2	4.2	4.3	5.0	5.1	5.5	7.6	8.2	8.5	10.3	12.4	12.8	13.5	13.8	15.0	13.9	12.4	9.2	5.6	6.9	6.5	6.2	5.8	8.4
Juli	31 »	5.2	4.6	4.8	4.1	3.2	3.1	3.4	4.5	5.8	8.4	8.7	10.2	11.1	11.8	11.6	12.7	11.7	12.0	9.6	7.2	6.9	6.7	5.4	5.3	7.4
Aug.	31 »	4.3	4.4	3.9	4.0	4.8	4.9	3.6	3.7	6.0	7.9	10.9	11.1	13.0	13.7	14.4	13.9	13.0	11.2	9.1	6.5	5.2	4.6	4.8	4.7	7.6
Sept.	30 »	6.8	6.1	4.9	5.1	7.1	7.7	7.0	8.2	9.2	9.0	10.6	10.2	11.9	12.1	13.1	13.1	11.7	11.8	8.8	7.2	7.4	7.8	6.6	8.5	8.8
Okt.	31 »	2.8	3.6	3.6	3.2	3.4	3.4	3.3	3.5	3.4	3.9	4.4	6.4	6.5	6.5	6.5	6.6	5.9	5.1	4.5	4.1	3.0	2.7	3.0	3.5	4.3
Nov.	30 »	4.1	4.7	5.6	5.9	6.4	6.2	5.5	5.9	5.2	4.8	5.4	5.6	7.1	7.4	6.7	6.0	5.0	4.1	5.8	5.4	5.9	5.9	6.3	5.4	5.7
Dez.	31 »	11.6	12.7	12.6	13.6	12.4	12.1	12.5	11.9	11.1	11.3	10.6	12.2	12.8	12.2	11.6	12.0	10.7	10.5	9.8	10.6	10.8	11.6	11.2	11.3	11.7
Mittel d.	365 Tage	5.8	5.6	5.3	5.3	5.4	5.4	5.5	5.8	6.4	7.1	8.2	9.3	10.1	10.5	10.6	10.8	10.0	9.4	8.2	7.1	6.5	6.2	5.8	6.0	7.3

1918. **Weg in Kilometern.** Zürich.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	52	21	142	59	11	23	59	353	273	425	1477	2624	298	292	114	194	6417
Februar	37	335	695	374	31	11	98	231	81	43	296	1113	404	106	57	26	3998
März	200	591	797	272	58	17	25	99	76	148	273	1106	586	306	193	148	4895
April	252	439	268	162	31	57	48	167	74	104	148	323	407	714	485	401	4080
Mai	118	595	1231	473	42	72	279	221	163	175	151	271	349	1013	171	142	5466
Juni	294	354	884	314	36	46	78	273	268	244	423	690	769	828	400	179	6080
Juli	95	96	377	161	58	56	66	206	199	150	237	816	1141	973	642	246	5519
August	38	48	194	243	20	79	148	487	182	364	414	648	647	1558	559	60	5689
September	103	112	48	25	17	118	241	335	359	611	1012	1168	680	895	451	180	6355
Oktober	196	626	359	195	1	10	12	164	62	73	148	179	232	299	286	342	3184
November	263	571	1082	356	74	37	91	149	65	75	191	359	216	132	133	294	4088
Dezember	4	46	190	47	10	17	126	392	259	404	2106	3469	1244	307	33	16	8670
Summe	1652	3834	6267	2681	389	543	1271	3077	2061	2816	6876	12766	6973	7483	3524	2228	64441
id. in %	2.6	5.9	9.7	4.2	0.6	0.8	2.0	4.8	3.2	4.4	10.7	19.8	10.8	11.6	5.5	3.4	100 %

Maximale Geschwindigkeit (Meter pro Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	3.1	3.1	5.0	4.4	0.8	2.5	2.8	5.3	7.2	11.9	14.7	14.2	10.8	10.0	6.4	3.6	—
Februar 28 »	4.7	6.1	9.2	9.2	4.4	1.4	2.8	4.2	3.1	2.8	7.8	10.6	11.4	4.4	3.9	2.8	—
März 31 »	5.0	6.1	9.2	5.0	3.1	1.9	1.7	4.2	3.3	5.8	9.2	12.2	12.2	7.8	5.6	3.6	—
April 30 »	5.8	4.7	5.6	5.3	2.2	6.4	3.1	3.3	3.6	5.0	4.7	12.2	8.1	7.2	6.1	6.7	—
Mai 31 »	3.3	6.4	7.2	6.9	2.5	10.6	13.1	6.1	4.4	4.7	5.6	8.1	9.7	11.7	5.3	2.5	—
Juni 30 »	5.8	5.0	7.5	6.4	5.3	2.2	2.8	5.3	5.3	8.1	6.9	11.7	10.3	8.9	11.1	3.9	—
Juli 31 »	2.8	5.0	6.4	5.3	3.9	2.2	3.1	4.2	4.4	5.8	9.2	10.6	11.4	7.8	7.5	5.6	—
August 31 »	2.2	3.3	5.3	5.8	1.4	3.9	4.2	6.1	4.7	5.6	6.1	9.2	8.1	9.4	10.6	3.6	—
Septemb. 30 »	6.7	4.4	2.2	2.5	1.7	4.2	3.9	4.7	5.6	8.9	8.9	12.5	13.9	10.0	6.9	5.3	—
Oktober 31 »	3.1	4.2	5.0	4.4	0.3	0.8	1.7	3.6	3.6	3.3	5.0	5.6	5.0	6.7	4.7	3.6	—
Novemb. 30 »	2.5	6.9	8.1	6.1	3.3	2.2	2.5	2.8	2.5	5.6	8.1	8.3	6.9	3.3	3.6	3.6	—
Dezemb. 31 »	0.6	4.2	6.1	5.8	1.4	1.1	3.1	4.4	4.2	6.4	15.0	16.4	11.1	6.7	2.8	1.7	—
Jahr	3.8	4.9	6.4	5.6	2.5	3.3	3.7	4.5	4.3	6.2	8.4	11.0	9.9	7.8	6.2	3.9	—

Monatsmittel der Windgeschwindigkeit (Meter pro Sekunde).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mittel
Januar 31 Tage	2.5	2.4	2.3	2.1	1.8	1.9	2.2	2.0	2.2	2.3	2.1	2.5	2.3	2.6	2.7	2.9	3.0	2.8	3.0	3.0	2.3	2.1	2.3	2.2	2.4
Febr. 28 »	1.5	1.0	1.2	1.3	1.4	1.2	1.5	1.3	1.5	1.7	2.0	2.2	2.2	2.6	2.5	2.5	1.9	1.6	1.4	1.7	1.5	1.3	1.3	1.4	1.7
März 31 »	1.7	1.7	1.3	1.4	1.3	1.0	1.0	0.9	1.0	1.3	1.9	2.3	3.0	3.0	3.1	2.9	2.7	2.1	2.2	1.8	1.8	1.5	1.3	1.5	1.8
April 30 »	0.9	1.1	1.0	0.8	0.7	0.9	1.1	1.1	1.5	1.6	1.8	2.1	2.1	2.1	2.2	2.3	2.6	2.8	2.4	1.9	1.4	1.3	0.9	1.2	1.6
Mai 31 »	1.7	1.1	0.9	0.9	1.0	1.0	1.1	1.6	1.7	1.8	2.6	3.0	3.2	3.2	3.1	3.4	3.3	3.3	2.7	2.5	1.8	1.6	1.4	1.4	2.0
Juni 30 »	1.4	1.4	1.2	1.2	1.4	1.4	1.5	2.1	2.3	2.4	2.9	3.4	3.5	3.7	3.8	4.2	3.9	3.4	2.6	1.6	1.9	1.8	1.7	1.6	2.3
Juli 31 »	1.4	1.3	1.3	1.1	0.9	0.9	0.9	1.3	1.6	2.3	2.4	2.8	3.1	3.3	3.2	3.5	3.3	3.3	2.7	2.0	1.9	1.9	1.5	1.5	2.1
Aug. 31 »	1.2	1.2	1.1	1.1	1.3	1.4	1.0	1.0	1.7	2.2	3.0	3.1	3.6	3.8	4.0	3.9	3.6	3.1	2.5	1.8	1.5	1.3	1.3	1.3	2.1
Sept. 30 »	1.9	1.7	1.4	1.4	2.0	2.1	1.9	2.3	2.5	2.5	3.0	2.8	3.3	3.4	3.6	3.6	3.2	3.3	2.4	2.0	2.1	2.2	1.8	2.4	2.5
Okt. 31 »	0.8	1.0	1.0	0.9	0.9	0.9	0.9	1.0	0.9	1.1	1.2	1.8	1.8	1.8	1.8	1.8	1.6	1.4	1.2	1.1	0.8	0.8	0.8	1.0	1.2
Nov. 30 »	1.1	1.3	1.6	1.6	1.8	1.7	1.5	1.6	1.4	1.3	1.5	1.6	2.0	2.1	1.9	1.7	1.4	1.1	1.6	1.5	1.6	1.6	1.7	1.5	1.6
Dez. 31 »	3.2	3.5	3.5	3.8	3.4	3.4	3.5	3.3	3.1	3.1	2.9	3.4	3.5	3.4	3.2	3.3	3.0	2.9	2.7	2.9	3.0	3.2	3.1	3.1	3.2
Mittel d. 365 Tage	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.8	2.0	2.3	2.6	2.8	2.9	2.9	3.0	2.8	2.6	2.3	2.0	1.8	1.7	1.6	1.7	2.0

Januar 1918. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	-9.0	-8.7	-8.8	-8.6	-8.3	-8.0	-7.5	-7.3	-7.1	-6.8	-6.7	-6.7	-6.5	-6.8	-6.7	-6.6	-6.6	-6.7	-6.7	-6.7	-6.6	-7.8	-7.8	-7.0	-7.31
2	-6.9	-7.5	-7.5	-8.0	-8.6	-9.3	-9.8	-10.0	-9.7	-8.7	-8.1	-8.1	-8.8	-9.1	-9.5	-11.1	-11.1	-10.9	-11.1	-12.0	-12.1	-12.8	-12.9	-13.1	-9.84
3	-13.8	-13.5	-14.0	-14.9	-15.0	-15.1	-15.3	-16.0	-16.3	-17.3	-18.0	-18.0	-17.4	-18.4	-19.2	-19.8	-20.3	-21.3	-22.7	-23.0	-22.7	-22.5	-22.3	-22.5	-18.30
4	-22.2	-22.0	-21.7	-21.1	-21.1	-21.0	-20.8	-20.7	-19.8	-18.4	-18.3	-18.0	-17.8	-17.9	-18.1	-18.3	-18.0	-15.0	-15.0	-14.7	-15.6	-15.1	-14.4	-14.2	-18.30
5	-14.0	-13.8	-13.7	-13.3	-13.1	-12.8	-11.9	-10.9	-9.9	-7.2	-6.8	-6.8	-6.8	-7.0	-6.8	-7.4	-7.8	-7.7	-7.3	-6.7	-6.0	-5.8	-5.7	-5.7	-8.95
6	-5.8	-6.0	-5.9	-6.0	-6.2	-6.3	-6.9	-6.5	-6.3	-5.3	-4.4	-3.9	-3.6	-3.6	-3.6	-3.8	-4.0	-3.8	-3.9	-4.0	-4.7	-5.7	-6.0	-6.0	-5.09
7	-6.3	-6.1	-5.7	-5.7	-5.1	-5.0	-4.5	-4.2	-3.5	-2.8	-3.8	-4.6	-5.2	-5.0	-5.3	-5.3	-5.2	-5.1	-5.3	-6.1	-6.2	-6.2	-6.0	-5.9	-5.17
8	-6.0	-6.0	-6.5	-6.6	-6.8	-6.9	-6.8	-8.5	-8.2	-9.6	-10.1	-11.8	-13.4	-13.7	-15.0	-15.9	-16.7	-17.2	-18.4	-18.9	-18.9	-19.8	-19.8	-19.8	-12.55
9	-20.0	-20.3	-20.2	-20.3	-20.3	-20.2	-20.9	-23.8	-24.3	-24.5	-24.4	-24.2	-24.4	-24.2	-24.7	-24.8	-24.8	-24.5	-23.1	-22.1	-21.8	-21.7	-21.8	-21.4	-22.61
10	-20.7	-20.0	-19.3	-18.7	-18.0	-17.4	-17.1	-16.5	-16.1	-15.8	-15.6	-15.0	-14.4	-14.0	-13.8	-13.5	-13.7	-13.7	-13.7	-13.7	-13.8	-13.9	-13.9	-14.0	-15.68
11	-14.0	-14.1	-14.2	-14.3	-14.3	-14.5	-14.6	-14.6	-14.6	-14.1	-13.5	-13.8	-14.1	-13.9	-13.9	-13.8	-14.0	-14.0	-13.9	-14.0	-14.1	-14.0	-13.4	-13.1	-14.03
12	-12.7	-12.7	-12.4	-11.7	-10.9	-10.2	-10.0	-9.5	-8.4	-7.7	-7.0	-6.5	-5.8	-5.6	-5.4	-5.6	-6.0	-5.8	-6.1	-6.4	-6.5	-7.7	-7.0	-6.0	-8.07
13	-5.3	-5.3	-5.3	-5.5	-5.6	-5.6	-5.7	-5.7	-5.3	-5.5	-5.3	-5.4	-5.4	-5.2	-5.8	-7.4	-8.0	-8.7	-9.1	-10.3	-11.6	-12.8	-13.5	-13.9	-7.38
14	-14.2	-14.7	-15.0	-15.2	-15.2	-15.2	-15.2	-14.7	-13.8	-12.7	-12.0	-11.7	-11.6	-11.6	-11.6	-11.8	-12.0	-11.8	-11.7	-11.2	-10.6	-10.3	-10.0	-9.3	-12.63
15	-8.8	-8.4	-8.1	-7.7	-6.8	-5.5	-4.5	-4.0	-3.8	-3.7	-3.7	-3.7	-3.5	-3.4	-3.2	-3.2	-2.8	-2.5	-2.0	-1.7	-1.6	-1.6	-1.5	-1.2	-4.04
16	-1.0	-1.0	-1.2	-1.2	-1.2	-1.4	-1.4	-1.4	-1.6	-1.7	-1.8	-2.2	-2.2	-2.7	-2.8	-3.1	-3.8	-4.2	-4.7	-5.1	-5.7	-6.1	-6.2	-6.0	-2.90
17	-5.9	-5.7	-5.6	-5.3	-5.3	-5.2	-5.1	-5.3	-5.2	-4.8	-4.9	-5.0	-5.3	-4.7	-4.7	-4.2	-4.1	-3.7	-3.7	-3.1	-1.8	-2.0	-2.0	-2.1	-4.36
18	-2.2	-2.8	-2.7	-2.3	-2.0	-2.0	-2.1	-1.9	-1.8	-1.6	-1.6	-1.7	-1.8	-2.0	-2.5	-3.2	-4.1	-4.7	-4.7	-4.8	-4.8	-4.8	-4.7	-4.7	-2.98
19	-4.7	-4.6	-4.5	-4.2	-4.3	-4.3	-4.4	-4.0	-3.7	-2.9	-2.5	-1.9	-2.2	-2.2	-2.4	-3.1	-3.0	-2.9	-3.0	-2.5	-3.2	-2.7	-3.4	-2.1	-3.28
20	-1.3	-1.4	-2.5	-2.8	-2.7	-3.3	-2.5	-1.0	-0.7	-1.6	-1.0	-1.9	-2.2	-0.5	-0.7	0.7	0.7	0.5	0.2	1.1	1.8	1.8	1.7	1.7	-0.66
21	0.0	-1.3	1.2	-0.1	-0.7	-0.2	-0.1	-1.0	-1.2	-1.3	-2.1	-2.3	-1.9	-3.9	-4.1	-4.4	-4.8	-4.7	-5.0	-5.1	-5.1	-5.0	-4.9	-5.3	-2.64
22	-5.2	-4.9	-4.9	-5.0	-4.4	-3.9	-3.8	-3.8	-3.3	-2.3	-2.0	-1.9	-1.6	-1.9	-2.1	-2.4	-2.7	-2.6	-2.4	-2.5	-2.3	-2.3	-2.6	-2.0	-3.03
23	-3.0	-3.8	-3.9	-4.2	-4.7	-4.8	-4.7	-4.7	-4.2	-3.7	-2.9	-2.3	-2.3	-3.1	-3.2	-3.8	-3.9	-4.5	-4.2	-4.5	-4.1	-4.7	-4.8	-4.9	-3.95
24	-4.8	-4.8	-4.8	-5.1	-5.1	-5.1	-5.3	-5.3	-5.0	-4.7	-5.7	-5.8	-5.4	-3.9	-3.9	-2.6	-1.9	-1.7	0.0	0.8	0.9	0.5	0.2	0.2	-3.26
25	0.0	0.2	0.3	0.2	0.2	0.3	0.3	1.0	1.7	2.5	2.5	2.5	2.5	2.0	1.6	1.3	1.3	1.0	1.2	1.3	0.9	0.3	-0.5	-0.2	1.02
26	-0.3	-0.1	-0.6	-0.3	0.0	0.3	0.4	0.7	1.7	2.2	2.1	2.2	2.5	3.1	3.0	2.9	3.0	2.5	2.5	2.7	2.9	2.3	2.2	1.7	1.65
27	1.7	0.9	-0.6	-1.0	-1.2	-1.7	-1.7	-0.9	0.4	1.6	1.8	1.7	1.8	1.3	0.3	0.0	-1.1	-1.9	-1.7	-1.5	-1.4	-1.8	-1.5	-1.5	-0.33
28	-1.8	-2.1	-1.9	-2.1	-1.8	-1.9	-2.2	-2.1	-1.3	0.4	0.5	0.5	0.4	-1.0	-1.2	-1.2	-1.8	-1.9	-2.3	-1.7	-0.8	-1.1	-1.4	-1.6	-1.31
29	-1.8	-2.0	-2.0	-2.0	-2.6	-2.3	-3.4	-2.1	-1.3	0.8	0.4	0.5	0.5	0.5	0.0	-0.1	-1.7	-2.0	-1.9	-1.6	-1.4	-1.8	-1.8	-2.0	-1.30
30	-2.1	-2.4	-2.5	-2.7	-2.3	-2.3	-2.4	-1.9	-0.5	0.6	0.7	0.3	0.5	0.3	-0.3	-0.6	-0.8	-0.9	-1.6	-1.6	-2.0	-2.0	-2.5	-2.9	-1.33
31	-4.0	-2.9	-2.7	-3.0	-3.1	-2.8	-2.7	-2.8	-1.3	-1.1	-1.4	-1.7	-1.7	-2.1	-2.3	-2.8	-3.4	-3.4	-2.9	-3.0	-2.8	-2.7	-3.2	-3.2	-2.58
M.	-6.94	-7.03	-7.01	-7.05	-6.98	-6.89	-6.86	-6.76	-6.27	-5.73	-5.67	-5.72	-5.71	-5.81	-6.06	-6.29	-6.55	-6.57	-6.59	-6.53	-6.51	-6.74	-6.82	-6.71	-6.49

Februar 1918. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	-3.2	-3.8	-4.1	-3.9	-4.0	-4.0	-4.1	-4.0	-3.6	-3.1	-3.3	-3.0	-2.6	-2.9	-3.3	-3.3	-4.0	-4.7	-4.6	-4.7	-4.2	-4.2	-4.0	-4.1	-3.79
2	-4.3	-4.1	-5.0	-5.3	-5.7	-5.5	-5.5	-5.4	-2.6	-1.7	-1.4	-1.6	-1.7	-2.1	-3.0	-3.4	-4.0	-4.4	-4.3	-4.3	-3.6	-4.0	-3.7	-3.6	-3.76
3	-4.1	-4.0	-4.4	-4.0	-3.9	-4.1	-4.3	-4.3	-3.3	-2.5	-2.3	-2.8	-2.8	-3.1	-3.5	-4.0	-4.3	-4.7	-5.0	-5.3	-5.2	-5.1	-5.2	-5.3	-4.06
4	-5.6	-5.7	-5.8	-6.0	-6.3	-6.3	-7.0	-6.9	-6.2	-4.7	-4.7	-4.8	-4.8	-5.3	-5.3	-4.8	-5.5	-5.9	-5.9	-6.0	-5.9	-6.0	-5.9	-6.0	-5.72
5	-6.0	-6.0	-6.0	-5.7	-5.2	-5.1	-4.7	-4.2	-3.1	-2.2	-1.8	-1.1	-1.4	-2.0	-2.4	-2.8	-3.3	-4.0	-4.2	-4.3	-4.4	-4.7	-4.7	-4.7	-3.92
6	-4.8	-4.9	-4.8	-5.0	-5.0	-5.1	-5.2	-4.8	-4.0	-3.3	-2.9	-2.2	-2.2	-2.9	-3.3	-4.0	-4.4	-4.3	-4.8	-5.0	-5.6	-5.9	-6.4	-6.3	-4.46
7	-6.3	-6.1	-6.3	-6.7	-7.0	-7.2	-6.8	-6.7	-6.4	-6.6	-6.7	-5.3	-5.3	-5.1	-5.3	-5.4	-5.7	-5.5	-5.1	-5.1	-5.1	-5.3	-5.3	-5.0	-5.89
8	-4.9	-4.8	-4.0	-4.6	-4.3	-3.8	-3.8	-3.7	-3.7	-2.1	-1.8	-1.2	-1.0	-1.5	-1.8	-1.4	-1.9	-2.3	-2.6	-3.1	-3.7	-4.0	-4.0	-4.1	-3.09
9	-4.0	-4.0	-4.3	-4.5	-4.4	-5.7	-5.6	-5.7	-5.6	-5.3	-4.9	-4.7	-3.8	-4.0	-4.6	-5.3	-5.2	-5.6	-5.6	-5.3	-5.4	-5.4	-5.1	-5.3	-4.97
10	-5.7	-4.9	-4.3	-4.2	-4.1	-4.1	-2.9	-3.7	-2.9	-2.7	-2.6	-2.7	-2.2	-2.0	-2.7	-2.7	-3.7	-3.8	-4.0	-3.5	-3.3	-3.3	-3.4	-3.0	-3.43
11	-3.0	-3.1	-2.9	-3.0	-3.0	-3.1	-3.4	-4.1	-3.8	-3.3	-3.5	-3.3	-3.1	-3.0	-3.0	-3.2	-3.7	-4.5	-4.8	-5.2	-5.3	-5.7	-5.7	-5.3	-3.83
12	-5.2	-5.3	-5.0	-5.4	-5.0	-5.0	-5.1	-4.7	-3.1	-2.3	-2.7	-2.7	-2.3	-3.4	-3.4	-3.4	-4.3	-5.1	-5.4	-5.2	-5.3	-5.8	-5.9	-6.0	-4.46
13	-5.9	-5.8	-6.0	-6.1	-6.2	-6.6	-6.6	-6.4	-6.4	-6.3	-6.3	-6.3	-6.4	-6.8	-7.4	-7.4	-7.7	-7.8	-7.9	-7.4	-7.2	-7.3	-7.4	-8.1	-6.82
14	-8.2	-8.7	-8.4	-8.4	-8.4	-8.2	-8.6	-8.2	-7.2	-6.4	-5.8	-6.0	-6.7	-8.0	-8.3	-8.4	-8.6	-8.9	-8.9	-9.0	-9.5	-9.6	-10.4	-11.7	-8.35
15	-12.6	-12.1	-12.5	-13.0	-13.1	-13.5	-13.4	-14.8	-15.7	-15.8	-18.0	-18.2	-17.3	-18.8	-18.5	-19.2	-19.7	-20.6	-20.9	-21.6	-21.9	-21.2	-20.8	-21.2	-17.27
16	-21.1	-20.9	-20.9	-20.7	-19.7	-19.7	-19.6	-19.0	-18.9	-18.5	-19.1	-19.2	-18.7	-18.0	-17.9	-17.8	-17.8	-17.6	-17.1	-17.0	-14.6	-15.3	-13.1	-13.0	-18.13
17	-11.5	-10.8	-11.2	-11.1	-10.8	-11.0	-10.8	-11.1	-10.9	-10.1	-10.8	-10.7	-10.6	-10.3	-9.8	-9.3	-9.5	-9.5	-8.8	-8.4	-7.8	-7.7	-7.5	-7.1	-9.88
18	-6.5	-6.6	-6.3	-6.2	-6.4	-6.7	-6.3	-5.9	-6.0	-5.9	-6.0	-6.7	-6.8	-7.7	-8.3	-8.3	-8.3	-8.6	-8.4	-8.4	-8.2	-8.7	-8.7	-8.9	-7.28
19	-9.0	-9.0	-10.0	-10.2	-10.7	-11.7	-12.2	-12.2	-11.6	-11.1	-10.8	-10.9	-10.4	-11.1	-11.7	-12.0	-12.2	-12.2	-11.8	-12.9	-13.1	-13.2	-13.2	-13.3	-11.52
20	-13.7	-13.9	-14.1	-14.7	-14.9	-15.2	-15.3	-14.6	-13.3	-11.7	-11.7	-11.5	-11.7	-11.9	-12.0	-12.0	-12.0	-12.0	-11.7	-11.8	-11.5	-11.1	-11.1	-11.0	-12.68
21	-10.8	-10.1	-9.8	-9.7	-10.0	-10.2	-10.4	-10.4	-10.9	-9.8	-9.5	-8.7	-8.1	-8.1	-8.2	-8.3	-8.7	-9.0	-9.0	-9.3	-9.9	-9.9	-10.0	-10.0	-9.53
22	-10.2	-10.7	-11.0	-11.1	-11.3	-11.9	-12.1	-12.0	-12.0	-11.5	-11.1	-11.0	-11.1	-10.8	-10.6	-10.9	-10.8	-9.0	-8.8	-8.7	-7.9	-7.8	-7.6	-7.2	-10.28
23	-6.9	-6.6	-6.3	-6.3	-6.3	-6.3	-6.3	-6.0	-5.7	-5.1	-4.8	-4.7	-4.7	-4.7	-4.7	-4.8	-4.9	-4.9	-5.0	-5.0	-5.2	-5.0	-5.0	-5.0	-5.42
24	-5.0	-4.9	-5.0	-5.0	-4.7	-3.9	-3.8	-4.1	-5.0	-5.2	-4.7	-4.4	-5.0	-5.7	-4.7	0.0	0.0	-0.6	-1.5	-2.6	-2.9	-3.2	-4.7	-5.7	-3.85
25	-5.8	-5.8	-6.3	-6.9	-7.0	-6.8	-6.8	-6.7	-6.2	-5.4	-5.0	-4.1	-5.4	-7.3	-8.8	-9.1	-9.3	-9.2	-9.3	-9.2	-9.2	-9.8	-9.5	-10.5	-7.48
26	-11.9	-12.1	-11.8	-11.0	-11.0	-11.6	-12.2	-12.8	-12.9	-11.6	-9.7	-8.0	-6.8	-5.6	-4.8	-3.8	-3.8	-3.1	-2.7	-2.7	-2.3	-2.6	-3.3	-4.2	-7.60
27	-4.8	-5.1	-6.0	-6.4	-7.0	-7.3	-7.5	-8.1	-8.4	-8.5	-8.6	-8.7	-7.8	-7.0	-6.7	-7.4	-7.8	-8.0	-8.0	-8.0	-8.2	-8.2	-8.6	-8.7	-7.53
28	-8.9	-9.2	-9.2	-8.9	-8.8	-8.9	-8.5	-8.4	-8.0	-7.6	-6.3	-6.2	-6.2	-6.7	-7.1	-7.2	-7.5	-7.8	-8.0	-8.3	-8.3	-8.3	-8.4	-8.5	-7.97
M.	-7.50	-7.46	-7.56	-7.64	-7.65	-7.80	-7.81	-7.82	-7.41	-6.80	-6.67	-6.45	-6.32	-6.64	-6.82	-6.77	-7.08	-7.27	-7.29	-7.40	-7.31	-7.44	-7.45	-7.60	-7.25

März 1918. Stündliche Lufttemperaturen. $h_t = 1.8^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−8.7	−8.7	−8.6	−9.1	−9.1	−9.4	−9.2	−8.7	−9.5	−9.5	−9.2	−9.2	−9.2	−8.5	−8.2	−8.6	−8.9	−8.8	−9.2	−9.0	−8.4	−9.0	−8.4	−8.4	−8.90
2	−8.1	−8.0	−8.0	−8.3	−8.3	−8.3	−8.3	−8.0	−7.8	−7.2	−6.8	−6.6	−6.2	−5.7	−5.3	−5.4	−5.6	−5.9	−6.1	−6.1	−6.1	−5.8	−5.4	−5.7	−6.79
3	−5.9	−6.0	−6.0	−6.1	−6.3	−6.8	−8.3	−8.3	−8.6	−8.7	−8.4	−8.3	−8.2	−7.9	−8.1	−8.5	−9.2	−9.3	−9.0	−9.1	−9.5	−10.0	−10.3	−10.7	−8.23
4	−10.8	−10.8	−10.7	−10.2	−9.7	−9.6	−9.8	−9.9	−9.9	−9.3	−9.3	−9.2	−8.6	−8.9	−8.8	−8.8	−9.3	−9.6	−9.7	−10.1	−10.2	−10.2	−10.3	−10.3	−9.75
5	−10.5	−10.6	−11.0	−11.0	−11.1	−11.8	−11.4	−11.0	−10.2	−7.8	−7.0	−7.2	−7.2	−7.4	−7.6	−7.8	−8.0	−8.3	−8.4	−8.4	−8.0	−7.4	−7.4	−7.2	−8.90
6	−7.2	−7.2	−7.3	−7.3	−7.6	−7.8	−7.1	−6.4	−5.9	−5.4	−5.3	−5.3	−5.0	−5.0	−5.0	−4.9	−4.7	−5.0	−4.8	−4.7	−4.5	−4.1	−4.1	−4.0	−5.65
7	−3.9	−3.7	−3.9	−4.1	−4.3	−5.0	−5.1	−4.8	−4.1	−3.6	−3.8	−3.3	−5.5	−4.7	−5.0	−6.2	−7.1	−8.1	−8.2	−8.4	−9.0	−8.7	−8.7	−8.7	−5.75
8	−8.4	−8.3	−8.3	−8.0	−7.9	−8.0	−8.0	−7.5	−6.4	−4.7	−5.3	−5.7	−5.4	−5.6	−5.0	−5.3	−5.3	−6.1	−6.3	−6.4	−6.6	−7.0	−7.1	−7.2	−6.66
9	−7.2	−7.1	−7.2	−7.7	−7.5	−7.0	−7.3	−7.0	−6.8	−5.4	−5.3	−4.9	−4.7	−4.7	−4.7	−4.5	−4.3	−5.0	−5.6	−6.3	−7.3	−7.3	−7.0	−7.0	−6.20
10	−7.1	−7.2	−7.1	−7.2	−7.2	−7.2	−7.1	−6.8	−6.7	−5.5	−5.5	−4.7	−4.5	−4.0	−3.4	−5.6	−6.1	−7.0	−7.7	−8.0	−8.1	−8.0	−8.0	−8.0	−6.57
11	−7.9	−7.8	−8.0	−7.8	−7.9	−8.0	−8.1	−7.9	−6.7	−5.0	−5.8	−6.4	−6.4	−6.0	−6.2	−6.7	−8.0	−7.4	−7.9	−8.0	−8.4	−8.3	−8.6	−8.5	−7.40
12	−8.8	−8.8	−9.1	−9.6	−9.2	−8.2	−7.0	−6.8	−6.6	−5.7	−5.5	−5.4	−5.2	−4.8	−4.8	−5.2	−6.1	−6.7	−6.9	−6.8	−7.4	−7.0	−7.0	−6.9	−6.90
13	−6.9	−7.0	−7.3	−7.3	−7.4	−7.0	−6.6	−6.4	−6.2	−6.1	−6.1	−6.1	−5.2	−5.7	−6.0	−6.9	−6.7	−6.7	−6.7	−7.0	−7.4	−7.4	−7.6	−7.7	−6.73
14	−7.7	−7.8	−8.0	−8.1	−8.2	−8.6	−8.8	−8.7	−8.3	−7.7	−7.3	−6.4	−5.4	−5.6	−6.0	−7.2	−7.7	−7.9	−8.9	−9.2	−9.1	−9.7	−9.8	−9.8	−8.00
15	−9.3	−9.7	−9.3	−9.0	−8.8	−8.7	−8.4	−8.7	−9.2	−9.8	−8.8	−9.3	−9.4	−9.2	−8.7	−8.6	−8.6	−8.6	−8.1	−8.0	−7.4	−7.3	−7.0	−7.0	−8.60
16	−7.6	−7.3	−7.1	−7.0	−7.1	−7.2	−6.7	−6.2	−5.3	−4.8	−4.2	−3.7	−3.2	−3.3	−3.6	−4.0	−3.7	−3.7	−4.1	−4.4	−4.4	−2.2	−2.3	−2.6	−4.82
17	−3.1	−3.1	−3.2	−2.9	−3.0	−3.8	−3.1	−2.8	−2.4	−1.7	−2.0	−1.9	−1.4	−1.7	−2.3	−3.2	−3.8	−4.1	−4.7	−5.0	−5.4	−5.3	−5.2	−5.0	−3.34
18	−4.4	−4.2	−3.7	−3.9	−4.2	−4.8	−4.7	−4.6	−4.1	−4.0	−3.2	−3.0	−2.4	−2.8	−2.9	−3.4	−3.9	−4.0	−4.0	−4.1	−4.6	−5.1	−5.3	−5.8	−4.05
19	−5.3	−5.0	−5.0	−4.0	−3.0	−3.8	−2.1	−2.0	−1.4	−1.3	−1.7	−1.8	−1.0	−1.3	−2.0	−2.6	−3.0	−3.2	−3.2	−3.9	−4.7	−4.4	−4.5	−4.8	−3.12
20	−5.0	−5.5	−6.2	−6.7	−7.1	−7.1	−7.6	−7.3	−7.1	−6.5	−6.8	−7.0	−6.2	−5.9	−6.1	−6.2	−6.5	−6.8	−7.0	−7.3	−7.4	−7.6	−7.7	−7.9	−6.77
21	−8.0	−8.2	−8.4	−8.3	−8.7	−8.7	−7.9	−7.8	−7.1	−6.8	−6.3	−6.0	−5.4	−6.0	−6.0	−6.3	−6.5	−6.7	−7.2	−8.0	−7.6	−8.0	−7.7	−7.6	−7.30
22	−7.0	−7.2	−7.0	−6.6	−6.0	−5.8	−5.2	−5.0	−4.8	−4.8	−6.0	−5.8	−4.8	−5.2	−5.2	−6.2	−6.2	−6.2	−5.8	−5.8	−5.6	−5.3	−5.2	−5.0	−5.74
23	−5.0	−4.9	−4.7	−4.7	−4.8	−4.5	−4.0	−3.4	−3.0	−3.1	−2.9	−2.7	−2.3	−2.7	−2.7	−2.8	−3.0	−3.1	−4.0	−4.3	−4.5	−4.2	−3.8	−3.4	−3.70
24	−3.0	−2.4	−2.6	−2.0	−1.7	−1.1	0.6	1.0	1.0	1.7	1.3	1.2	1.4	1.3	1.2	1.2	1.0	0.3	−0.5	−1.3	−1.8	−1.8	−2.0	−2.0	−0.38
25	−2.0	−2.1	−2.3	−2.3	−2.3	−2.8	−2.3	−2.3	−2.6	−3.3	−3.0	−3.0	−3.1	−3.0	−3.1	−3.2	−3.5	−4.2	−5.7	−5.9	−5.7	−6.3	−7.0	−7.7	−3.70
26	−8.6	−10.0	−11.3	−12.0	−12.2	−12.3	−12.5	−13.0	−12.8	−12.1	−12.7	−12.7	−12.9	−14.4	−14.1	−13.9	−14.6	−14.8	−14.8	−14.8	−16.5	−17.0	−16.8	−17.0	−13.49
27	−17.1	−17.1	−16.8	−17.2	−17.0	−17.3	−16.6	−15.8	−16.2	−15.7	−15.9	−14.1	−14.2	−13.8	−14.4	−13.7	−14.0	−14.1	−14.2	−14.1	−14.1	−13.8	−13.1	−12.7	−15.09
28	−12.3	−12.1	−11.8	−11.3	−11.2	−10.9	−9.0	−8.9	−8.6	−7.4	−7.0	−7.0	−6.4	−6.8	−6.8	−6.4	−6.7	−7.2	−7.5	−7.3	−6.9	−7.0	−7.0	−6.8	−8.55
29	−6.8	−6.5	−6.6	−6.6	−6.5	−7.1	−7.6	−7.7	−9.0	−8.6	−8.0	−7.7	−6.1	−6.7	−7.4	−8.0	−8.3	−8.8	−9.1	−9.2	−9.2	−9.0	−8.9	−8.8	−7.84
30	−8.7	−8.7	−8.7	−8.9	−8.7	−8.8	−8.7	−8.6	−8.0	−7.3	−7.0	−6.7	−6.8	−6.8	−6.7	−5.8	−5.8	−5.7	−5.8	−5.7	−5.2	−4.8	−4.7	−4.9	−6.98
31	−5.0	−5.0	−5.0	−5.3	−5.7	−6.0	−6.5	−6.3	−5.3	−3.2	−3.3	−3.9	−4.2	−3.0	−2.3	−2.4	−2.8	−3.5	−4.0	−5.0	−5.6	−5.6	−5.6	−5.6	−4.66
M.	−7.33	−7.36	−7.43	−7.43	−7.41	−7.53	−7.24	−7.02	−6.76	−6.12	−6.04	−5.98	−5.65	−5.67	−5.72	−6.04	−6.35	−6.66	−6.95	−7.15	−7.31	−7.25	−7.21	−7.25	−6.78

April 1918. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−5.3	−5.0	−4.6	−4.3	−4.2	−3.7	−3.0	−2.9	−2.5	−1.9	−1.7	−1.1	−0.1	−0.1	−0.3	−0.6	−1.3	−2.0	−2.3	−2.4	−2.4	−2.6	−2.5	−2.7	−2.48
2	−3.5	−4.5	−5.0	−5.6	−6.1	−5.8	−5.3	−4.7	−3.7	−3.6	−3.1	−5.4	−5.3	−5.3	−5.6	−5.8	−6.2	−6.4	−7.4	−7.6	−7.5	−7.2	−7.4	−7.7	−5.65
3	−7.5	−7.3	−7.9	−7.8	−7.7	−7.3	−6.4	−6.1	−5.4	−5.0	−4.9	−3.7	−3.6	−4.0	−3.6	−3.3	−3.7	−4.1	−5.0	−5.2	−5.8	−5.7	−5.3	−5.2	−5.48
4	−5.0	−5.0	−5.0	−5.0	−4.5	−3.5	−2.0	−1.6	−1.0	−0.2	−1.1	−1.8	−2.2	−1.9	−1.2	−1.0	−1.2	−1.3	−2.0	−2.0	−2.7	−2.6	−2.4	−2.3	−2.44
5	−2.7	−2.8	−3.0	−3.0	−3.1	−3.2	−3.3	−2.3	−1.2	−0.5	−0.6	−1.0	−1.0	−0.8	−0.8	−0.7	−1.0	−1.5	−2.1	−2.5	−2.8	−2.9	−3.2	−3.5	−2.06
6	−3.5	−4.2	−4.8	−4.7	−4.6	−4.1	−3.8	−3.7	−3.3	−2.7	−2.1	−2.7	−2.6	−2.8	−2.8	−2.8	−3.7	−4.1	−4.1	−4.0	−3.9	−4.1	−4.0	−4.5	−3.65
7	−4.7	−4.8	−4.8	−4.9	−4.8	−4.8	−4.2	−3.4	−2.7	−3.3	−3.2	−2.3	−2.2	−1.7	−1.8	−0.4	−1.5	−2.0	−4.0	−3.5	−4.5	−4.4	−4.4	−4.5	−3.45
8	−4.8	−5.0	−5.1	−5.3	−5.6	−5.4	−4.6	−3.9	−3.7	−3.2	−2.2	−2.6	−1.7	−1.8	−2.2	−2.2	−2.3	−2.4	−3.1	−3.2	−3.3	−3.2	−3.2	−3.4	−3.48
9	−3.8	−4.0	−3.9	−4.2	−4.1	−4.1	−3.1	−3.0	−2.3	−1.5	−1.1	−0.3	0.3	0.7	0.3	−0.3	−0.9	−1.6	−1.6	−1.9	−2.1	−2.0	−2.2	−2.2	−2.04
10	−2.1	−2.3	−2.2	−2.3	−2.4	−2.6	−2.0	−1.3	−1.1	−0.2	−0.2	−0.1	0.5	0.9	−2.1	−2.4	−2.9	−3.3	−4.1	−5.0	−5.2	−5.1	−5.2	−5.2	−2.41
11	−5.2	−5.2	−5.3	−5.6	−5.6	−5.3	−4.6	−4.3	−3.6	−1.6	−1.9	−1.4	−0.8	0.0	0.0	−0.2	−0.6	−0.7	−2.1	−2.6	−3.0	−3.0	−2.6	−2.8	−2.83
12	−3.0	−2.8	−2.9	−3.1	−3.0	−2.7	−1.9	−1.3	−0.7	−0.2	0.0	1.1	1.8	2.0	1.1	1.0	0.7	0.2	−0.7	−1.4	−1.8	−2.0	−2.0	−1.8	−0.97
13	−1.6	−1.3	−1.0	−0.7	−0.5	−0.3	0.4	0.8	1.8	2.5	2.6	2.9	3.1	2.8	2.7	1.9	1.5	0.8	−0.1	−0.6	−0.6	−0.7	−0.9	−0.5	0.63
14	−0.7	−0.7	−0.4	−0.4	−0.3	−0.2	0.0	0.9	1.2	2.3	2.0	2.7	2.6	3.0	2.9	2.4	2.4	1.8	0.9	0.3	−0.2	−0.2	−0.2	−0.3	0.91
15	−0.6	−0.7	−0.8	−1.0	−1.7	−1.3	0.2	0.3	0.6	1.0	−0.3	−0.9	0.5	0.0	−1.3	−2.0	−1.0	−1.8	−2.1	−2.9	−3.2	−3.7	−3.8	−3.9	−1.27
16	−4.1	−4.6	−4.6	−4.8	−4.8	−4.8	−4.6	−4.2	−3.8	−3.0	−0.9	−0.6	−0.4	0.2	−0.2	−1.6	−3.0	−3.3	−4.3	−4.4	−4.0	−4.0	−3.8	−4.0	−3.23
17	−4.2	−3.6	−3.5	−3.7	−3.5	−2.4	−2.4	−1.9	−1.3	−0.9	−1.0	−1.0	−0.4	−0.9	−0.9	−1.4	−2.0	−2.3	−3.3	−3.3	−3.4	−3.2	−3.5	−3.2	−2.38
18	−2.9	−2.8	−2.9	−2.9	−2.7	−2.5	−0.6	−0.1	1.0	1.5	1.7	1.8	1.8	1.3	0.0	−0.2	−1.1	−2.0	−2.0	−3.1	−3.5	−3.7	−3.8	−3.9	−1.32
19	−4.3	−5.1	−5.0	−5.0	−4.9	−4.8	−4.4	−4.9	−5.6	−5.9	−5.1	−4.7	−3.1	−3.0	−3.7	−4.1	−5.0	−6.0	−7.2	−7.5	−8.1	−8.3	−8.4	−8.8	−5.54
20	−9.3	−9.8	−10.0	−9.8	−9.3	−9.1	−8.4	−7.7	−6.8	−5.0	−5.1	−5.1	−5.3	−5.6	−4.9	−4.7	−4.7	−5.0	−5.3	−5.3	−5.4	−6.0	−6.4	−6.9	−6.70
21	−6.9	−6.8	−6.3	−6.2	−6.0	−5.7	−4.6	−4.2	−3.9	−3.9	−3.8	−3.7	−3.5	−4.1	−6.0	−7.8	−8.5	−9.1	−9.2	−9.7	−10.4	−10.0	−10.0	−10.1	−6.68
22	−10.0	−9.9	−9.9	−10.9	−11.1	−10.3	−9.2	−9.0	−8.3	−7.1	−6.0	−5.3	−4.0	−4.5	−4.5	−5.6	−6.1	−7.2	−7.4	−8.0	−8.4	−8.3	−8.7	−8.8	−7.85
23	−8.5	−8.7	−8.6	−9.2	−9.0	−9.2	−8.6	−8.7	−8.0	−7.8	−7.0	−6.2	−6.1	−5.6	−4.7	−4.1	−5.0	−5.2	−5.3	−5.9	−6.3	−6.0	−5.6	−5.2	−6.85
24	−5.3	−5.2	−5.0	−4.8	−4.8	−4.3	−2.8	−2.0	−1.8	−0.7	−0.1	0.1	0.3	−0.7	−1.8	−2.4	−3.0	−3.8	−4.7	−5.0	−5.4	−5.4	−5.3	−5.5	−3.31
25	−5.1	−5.2	−5.3	−5.3	−5.3	−5.3	−3.9	−3.1	−3.1	−2.2	−2.6	−2.0	−1.7	−2.3	−2.4	−2.7	−3.2	−4.0	−4.9	−5.6	−5.3	−5.2	−5.0	−4.9	−3.98
26	−4.8	−4.6	−4.4	−4.3	−4.1	−3.3	−1.9	−1.3	−0.8	−0.6	0.0	1.2	1.9	1.4	1.0	1.3	0.8	−0.9	−1.6	−2.1	−2.4	−2.8	−3.1	−3.6	−1.65
27	−3.6	−3.8	−3.8	−3.7	−3.5	−3.5	−3.4	−3.3	−3.0	−2.2	−2.6	−2.8	−2.8	−2.4	−2.7	−2.5	−2.7	−2.5	−2.2	−2.6	−3.6	−3.3	−3.0	−3.1	−3.02
28	−3.1	−3.0	−3.0	−3.1	−3.3	−3.3	−3.2	−3.0	−2.7	−2.4	−2.6	−2.2	−1.5	−1.8	−1.3	−1.3	−1.2	−1.5	−1.7	−1.7	−1.3	−1.6	−1.8	−2.0	−2.23
29	−2.2	−2.1	−2.2	−2.2	−2.0	−1.8	−0.9	0.3	1.0	1.8	1.0	1.1	1.1	1.8	0.9	−1.2	−0.9	−1.7	−1.3	−1.5	−1.1	−1.0	−0.8	−1.0	−0.62
30	−1.2	−1.3	−1.6	−1.7	−1.5	−1.0	−1.0	−0.6	0.0	−0.8	−1.7	−2.1	−1.9	−1.6	−1.6	−2.3	−2.7	−2.9	−2.9	−3.0	−3.1	−3.3	−3.3	−3.4	−1.94
M.	−4.32	−4.40	−4.43	−4.52	−4.47	−4.19	−3.45	−3.01	−2.49	−1.91	−1.79	−1.60	−1.21	−1.23	−1.58	−1.90	−2.35	−2.86	−3.44	−3.77	−4.02	−4.05	−4.06	−4.16	−3.18

Mai 1918. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. **Säntis.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	−3.4	−3.2	−3.0	−3.0	−2.8	−3.2	−3.2	−1.8	−0.5	0.2	−0.8	−0.2	−0.7	−1.0	−1.0	−1.6	−1.9	−3.0	−3.0	−2.7	−3.2	−3.2	−3.1	−3.0	−2.16
2	−2.8	−2.8	−2.6	−2.7	−2.7	−1.6	−0.1	0.3	1.0	1.6	1.3	1.1	1.1	1.3	1.4	0.8	0.8	−0.2	−0.7	−0.9	−1.8	−1.8	−2.0	−2.3	−0.60
3	−2.3	−2.7	−2.9	−3.0	−3.0	−1.5	1.6	2.3	2.7	3.0	3.2	2.9	3.3	3.4	3.2	2.7	2.3	2.0	1.4	0.8	0.4	0.4	0.3	0.1	0.86
4	0.1	0.1	0.0	0.0	0.1	1.0	1.9	2.5	3.1	4.4	4.3	4.7	5.3	5.1	4.6	4.8	4.6	4.3	3.7	3.3	3.0	2.8	2.8	2.8	2.89
5	2.9	2.7	2.8	2.4	2.4	2.9	3.0	2.8	3.3	3.6	3.8	4.3	4.3	4.2	3.8	2.9	1.8	1.3	1.1	1.2	1.6	1.4	1.2	1.0	2.61
6	1.2	1.2	1.2	1.2	1.9	2.8	3.7	3.7	3.9	3.8	4.3	5.2	5.9	4.1	3.7	3.2	3.0	2.4	2.4	2.2	1.9	2.2	2.6	2.3	2.92
7	2.2	2.5	2.4	2.3	2.3	2.8	3.8	4.2	4.7	3.6	3.7	4.3	4.9	3.9	4.0	3.5	2.7	2.5	1.9	0.5	−0.2	−0.7	−1.1	−1.3	2.48
8	−1.4	−1.9	−2.7	−3.2	−3.6	−3.3	−3.6	−3.3	−2.8	−1.9	−0.8	−0.3	−0.1	0.0	−0.1	−0.7	−1.3	−1.6	−1.9	−1.9	−1.4	−1.7	−1.7	−1.6	−1.78
9	−1.7	−1.7	−2.0	−2.5	−2.2	−1.6	−1.6	−1.3	−1.6	−0.8	−0.7	−0.4	−0.7	−0.2	−0.2	−0.6	−0.4	−1.0	−1.4	−1.4	−1.2	−1.6	−1.4	−1.4	−1.23
10	−1.3	−1.4	−1.4	−1.4	−1.3	−1.3	−1.2	−1.2	−0.8	1.1	1.6	2.3	2.9	3.2	3.0	2.4	2.1	1.3	0.4	−0.2	−0.4	−0.6	−0.5	0.0	0.30
11	−0.2	−0.2	0.0	0.1	0.3	0.8	1.8	2.4	3.4	4.2	5.3	5.8	5.8	5.9	5.0	4.6	3.5	2.8	2.6	2.1	1.6	1.4	1.3	−0.2	2.50
12	−0.7	−1.2	−1.2	−0.6	−0.1	−1.9	−0.9	−1.3	−2.0	−1.9	−2.3	−2.4	−2.5	−2.2	−2.0	−1.5	−2.2	−2.0	−2.1	−2.1	−2.5	−2.7	−2.7	−2.3	−1.76
13	−2.3	−2.6	−2.4	−2.4	−2.7	−2.7	−2.7	−1.8	−0.8	−0.1	0.3	1.2	1.9	2.2	2.0	1.9	1.0	0.2	−0.3	−0.4	−0.6	−0.8	−0.8	−0.8	−0.56
14	−0.8	−0.8	−0.8	−1.0	−1.0	−1.0	−0.2	0.0	−0.2	−0.5	−0.3	−0.8	−3.2	−3.3	−3.1	−3.4	−3.8	−3.7	−3.7	−4.0	−3.7	−3.8	−3.8	−3.8	−2.11
15	−3.6	−3.3	−3.2	−2.9	−2.9	−2.7	−2.2	−1.6	−1.0	−0.4	−0.4	−0.3	−0.1	0.2	0.3	0.5	0.6	1.2	1.1	1.5	2.6	1.7	2.2	1.8	−0.45
16	1.6	1.4	1.5	2.2	2.3	3.3	2.8	2.3	2.0	1.9	2.2	2.6	3.2	3.3	3.9	4.3	4.4	4.1	3.8	3.3	2.6	4.0	3.9	3.9	2.95
17	3.0	3.3	3.7	3.4	3.7	4.5	4.7	4.9	5.3	6.0	5.9	6.2	6.8	6.2	6.6	6.3	5.5	5.8	5.7	4.8	4.3	4.3	4.1	3.8	4.95
18	3.6	3.9	3.7	3.4	3.2	3.0	3.4	3.4	3.4	5.6	6.2	6.6	6.4	6.4	5.8	5.3	4.6	4.6	4.3	4.0	3.2	3.2	3.5	3.3	4.33
19	3.3	3.2	2.7	3.3	3.6	4.1	4.4	4.8	5.3	5.4	5.4	5.1	5.6	6.0	5.7	5.1	4.0	4.0	3.8	3.2	3.2	2.8	2.9	3.0	4.16
20	3.2	3.0	3.0	3.5	3.0	3.7	4.3	4.7	5.2	6.2	6.2	5.3	6.3	6.2	7.0	5.3	5.2	4.6	5.2	5.2	4.3	4.7	5.1	5.0	4.81
21	4.1	4.0	4.2	4.7	5.3	5.9	6.2	6.6	7.0	9.2	9.8	9.4	8.2	7.2	6.2	4.8	5.1	4.8	4.9	4.8	4.8	4.4	2.8	3.9	5.76
22	3.9	3.7	3.7	3.7	4.6	5.3	6.8	7.2	7.3	7.4	8.7	9.7	10.3	10.5	10.3	9.3	8.3	7.1	7.0	6.5	5.9	5.7	5.6	5.3	6.82
23	5.3	5.2	5.2	5.2	5.0	6.5	7.7	7.7	7.0	7.1	8.0	9.1	10.1	10.3	8.4	7.5	6.8	6.1	3.7	4.8	4.1	3.5	3.6	3.3	6.30
24	2.8	2.7	2.4	2.3	2.4	2.5	2.6	2.3	2.7	2.7	3.7	4.0	4.1	3.2	2.5	2.1	1.5	1.8	0.1	−0.1	−0.7	−2.1	−2.7	−2.9	1.66
25	−2.8	−2.8	−2.7	−2.6	−2.6	−2.7	−2.8	−2.7	−2.2	−1.5	−2.4	−2.2	−0.7	−0.9	−0.7	−0.7	−0.5	−0.7	−1.0	−1.0	−1.0	−1.0	−1.2	−1.1	−1.69
26	−1.3	−1.3	−1.2	−1.0	−1.3	−1.2	−0.4	−0.6	−0.3	0.0	1.0	0.7	0.8	1.5	1.0	1.0	1.3	1.2	1.0	0.9	−0.7	−0.8	−0.5	−0.1	−0.01
27	0.0	−0.2	−0.1	0.0	−0.2	−0.5	−0.7	−1.3	−2.2	−3.2	1.1	2.2	−2.2	−2.8	−2.9	−3.0	−3.3	−3.3	−3.7	−4.1	−4.7	−4.7	−4.2	−4.7	−2.03
28	−4.8	−5.0	−5.3	−5.3	−5.4	−5.6	−5.5	−5.4	−5.3	−5.3	−5.3	−5.1	−4.9	−4.8	−4.7	−4.6	−4.7	−4.8	−4.8	−4.8	−4.8	−4.7	−4.5	−4.4	−4.99
29	−4.4	−4.6	−4.6	−4.7	−4.7	−4.7	−4.5	−4.2	−3.8	−3.4	−3.1	−3.1	−3.2	−3.4	−3.2	−3.2	−3.5	−4.6	−3.9	−3.8	−4.1	−3.9	−3.8	−3.4	−3.87
30	−3.0	−2.9	−2.1	−2.1	−1.5	−0.5	0.5	0.8	1.1	1.1	0.8	0.5	−0.1	−0.1	−0.6	−0.3	−0.3	−0.3	−0.7	−0.9	−1.2	−0.8	−1.0	−1.0	−0.61
31	−0.9	−0.6	−0.5	−0.8	−0.7	−1.0	−0.9	−0.7	−0.2	−0.1	0.3	0.6	1.5	1.7	1.5	1.3	1.1	1.0	0.8	0.2	0.0	0.1	0.2	0.3	0.18
M.	−0.02	−0.07	−0.07	−0.06	0.05	0.42	0.93	1.15	1.44	1.90	2.31	2.55	2.59	2.49	2.30	1.93	1.56	1.26	0.89	0.68	0.38	0.25	0.23	0.18	1.05

Juni 1918. **Säntis.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	0.8	0.8	0.7	0.2	0.5	0.8	1.4	2.3	3.0	3.6	3.3	2.4	2.4	2.0	2.2	1.8	1.3	1.0	1.1	0.4	−0.1	0.0	0.0	0.7	1.36
2	0.5	0.1	0.0	−0.2	0.3	0.6	2.2	2.8	3.0	3.4	3.5	4.9	3.4	4.3	4.0	3.0	3.6	3.8	2.4	1.0	0.4	1.1	0.4	0.3	2.03
3	0.2	0.0	−0.3	0.4	−0.3	0.0	1.3	1.3	2.3	2.8	2.5	2.7	2.7	2.8	2.0	3.0	2.3	1.6	1.0	0.6	−0.2	−0.3	−0.4	−0.8	1.13
4	−1.4	−1.6	−1.7	−1.7	−1.6	−1.5	−1.4	−1.3	−1.1	−1.4	−2.0	−2.8	−2.3	−2.3	−1.1	−1.2	−1.9	−2.2	−2.7	−2.9	−2.9	−3.3	−3.7	−3.6	−2.07
5	−3.5	−3.4	−3.9	−4.0	−4.0	−4.7	−5.7	−6.2	−6.0	−5.4	−5.9	−6.1	−5.4	−5.7	−5.9	−5.5	−5.8	−6.2	−6.4	−6.4	−6.7	−6.6	−6.3	−6.3	−5.50
6	−6.2	−6.2	−6.3	−6.4	−6.4	−6.1	−5.5	−5.4	−4.8	−2.8	−2.8	−2.7	−2.6	−2.3	−1.8	−1.6	−1.8	−2.6	−3.0	−3.3	−2.8	−3.1	−3.2	−3.3	−3.88
7	−3.3	−3.3	−3.2	−2.8	−2.5	−2.0	−1.0	−0.5	0.2	0.5	0.6	0.7	1.0	0.9	0.4	0.9	1.0	1.0	0.2	0.0	−0.8	−0.7	−0.7	−0.6	−0.58
8	−0.8	−0.9	−1.1	−1.2	−0.9	−0.3	0.5	1.2	2.2	3.7	3.3	3.1	3.5	3.3	2.3	3.1	2.9	2.7	2.0	1.7	1.6	1.3	1.6	1.4	1.51
9	1.3	1.1	0.9	1.0	2.1	3.0	3.5	4.2	5.2	6.4	6.8	6.7	7.1	7.3	7.3	7.7	6.4	6.0	5.4	4.4	4.3	4.1	3.8	3.6	4.57
10	3.6	3.5	3.5	3.1	3.1	2.4	3.8	3.9	2.8	0.4	0.3	0.4	1.2	0.6	1.1	0.7	0.2	−0.2	−0.3	−0.6	−0.5	−0.4	−0.3	−0.3	1.33
11	−0.3	−0.3	−0.3	−0.4	0.0	−0.1	0.9	1.2	1.3	1.5	1.8	2.7	3.8	3.6	3.6	3.3	3.5	2.0	2.3	2.3	2.2	2.4	2.2	2.1	1.72
12	2.1	2.3	2.2	1.9	2.0	2.0	1.4	1.5	1.4	1.4	1.5	1.3	0.9	1.3	1.3	1.2	0.8	1.3	1.4	1.3	1.4	1.2	1.1	1.3	1.48
13	1.6	1.4	0.4	0.2	0.1	0.0	−0.3	−0.3	0.0	0.7	0.9	1.1	2.3	2.5	2.8	3.0	3.1	3.2	3.0	3.3	2.3	1.1	1.3	1.2	1.45
14	2.3	2.0	2.4	3.2	3.4	3.7	4.3	4.5	5.4	7.6	7.3	7.6	8.1	8.0	8.0	7.9	7.3	7.2	6.8	6.1	5.2	5.1	5.1	5.2	5.57
15	5.2	4.8	4.7	4.4	4.0	4.1	5.7	6.7	6.5	4.8	5.8	5.8	7.6	6.3	2.8	2.9	3.1	2.8	2.6	2.1	2.0	2.2	2.2	2.3	4.22
16	1.5	1.7	1.8	1.8	1.8	2.2	3.4	3.3	1.7	0.4	0.2	0.7	0.8	0.6	0.7	0.9	1.1	1.0	1.0	1.0	1.1	1.4	1.9	1.8	1.41
17	2.2	2.3	2.5	2.5	2.9	3.0	3.7	4.0	5.1	6.5	6.7	6.3	6.5	6.3	6.0	1.1	1.2	−0.4	−0.6	−0.8	−1.4	−2.2	−2.4	−2.7	2.43
18	−2.6	−2.6	−2.8	−2.9	−3.0	−3.0	−3.2	−3.1	−3.1	−3.0	−2.9	−2.7	−2.8	−2.8	−2.7	−2.4	−2.7	−2.8	−2.7	−3.1	−3.2	−3.3	−3.9	−4.2	−2.98
19	−4.1	−4.0	−3.9	−3.3	−2.6	−0.8	0.1	0.3	0.2	0.2	1.3	1.9	3.3	3.3	3.0	3.3	3.1	2.4	2.1	1.3	0.3	0.3	0.1	0.1	0.33
20	0.0	0.0	−0.6	−1.2	−1.2	−1.2	−1.1	−1.0	−1.0	−1.0	−0.7	−0.8	−1.0	−0.4	−1.7	−1.1	−1.3	−1.3	−1.3	−1.4	−1.4	−1.3	−1.3	−1.3	−1.03
21	−1.3	−1.4	−1.4	−1.4	−1.6	−1.8	−1.9	−1.9	−1.8	−0.8	−0.7	−0.7	−0.5	−0.8	−0.9	−0.9	−1.0	−1.0	−1.0	−1.1	−1.2	−1.2	−1.2	−1.3	−1.20
22	−1.4	−1.3	−1.0	−0.5	−0.5	0.3	0.7	0.9	1.2	1.3	1.6	1.8	1.8	2.2	2.0	1.8	1.7	1.4	0.9	0.8	0.4	0.1	0.0	0.0	0.68
23	−0.1	−0.3	−0.8	−0.9	−1.8	−3.0	−3.5	−3.6	−3.4	−3.2	−3.5	−3.6	−3.6	−3.7	−3.8	−4.9	−5.3	−5.7	−6.0	−6.2	−6.3	−6.3	−6.3	−6.3	−3.84
24	−6.0	−5.9	−5.9	−5.8	−5.8	−5.8	−6.0	−5.9	−5.3	−4.1	−3.6	−2.9	−2.3	−1.7	−1.3	−1.3	−1.6	−2.1	−1.9	−1.8	−2.1	−2.7	−2.7	−2.4	−3.62
25	−2.6	−2.6	−2.7	−2.7	−2.8	−2.9	−2.8	−2.7	−2.8	−2.8	−2.7	−2.0	−1.7	−1.7	−1.0	−0.4	−0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	−1.58
26	0.1	0.1	0.0	0.0	−0.1	−0.1	−0.1	0.6	1.2	1.6	2.0	2.0	1.8	2.2	1.7	1.1	1.1	1.0	0.5	1.0	1.5	1.3	1.3	1.3	0.96
27	1.1	1.8	1.3	1.9	1.2	1.1	1.6	1.6	0.8	−1.4	−1.3	−1.0	−1.2	−1.2	−1.1	−1.5	−1.7	−2.0	−2.7	−3.3	−3.6	−3.6	−3.6	−3.5	−0.85
28	−3.4	−3.4	−3.5	−3.5	−3.3	−3.0	−2.9	−3.0	−2.7	0.2	1.0	1.1	1.8	2.2	2.7	3.2	3.1	3.0	2.4	1.5	0.2	0.0	0.0	0.2	−0.25
29	0.3	0.5	0.3	0.0	0.2	0.6	0.7	0.4	0.6	4.0	3.2	1.7	2.3	3.0	1.3	1.1	1.2	0.9	0.3	0.3	−0.2	0.0	0.0	0.2	1.02
30	0.0	−0.1	−0.1	−0.5	−0.9	−1.0	−1.0	−0.2	0.0	0.0	0.0	0.6	1.7	2.0	2.0	0.9	0.8	0.2	−0.3	−1.0	−0.7	−1.3	−1.7	−1.5	−0.09
M.	−0.47	−0.50	−0.63	−0.63	−0.59	−0.45	−0.04	0.19	0.40	0.84	0.92	1.01	1.37	1.40	1.21	1.04	0.85	0.53	0.23	−0.09	−0.37	−0.49	−0.55	−0.54	0.19

Juli 1918. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	−1.8	−2.5	−2.4	−1.7	−0.4	0.1	2.9	2.7	2.4	2.5	2.4	3.1	3.6	2.8	2.7	2.6	3.7	3.7	3.4	2.7	2.0	2.4	2.5	1.5	1.70
2	1.5	1.6	1.4	1.1	0.6	0.4	1.8	2.0	1.8	1.4	1.7	2.5	2.5	2.4	2.7	2.6	1.8	1.4	1.2	1.0	0.8	0.8	0.4	0.3	1.49
3	0.4	0.3	0.0	0.3	0.4	0.5	0.5	0.5	0.4	0.5	0.8	0.7	−0.1	−0.4	−0.6	−0.8	−1.1	−1.3	−1.4	−1.5	−1.6	−1.6	−1.6	−1.4	−0.34
4	−1.3	−1.1	−0.9	−0.8	−0.7	−0.4	−0.2	0.0	0.2	0.3	0.5	1.3	1.1	1.3	1.3	1.4	1.3	1.3	1.2	0.8	1.0	1.6	1.2	1.2	0.48
5	1.1	0.9	0.9	0.8	1.1	1.8	2.0	2.0	2.7	4.6	4.6	4.6	4.6	4.3	3.8	3.0	2.3	0.3	0.1	0.0	−0.2	−0.1	0.0	0.3	1.90
6	0.3	0.3	0.7	0.3	0.8	1.2	1.8	2.3	2.1	2.2	1.5	1.0	0.4	0.4	0.4	0.6	0.3	0.4	0.1	0.3	0.6	0.9	1.1	1.3	0.89
7	1.3	1.2	1.3	1.6	1.6	1.6	1.3	2.1	2.3	3.4	4.1	4.9	5.5	5.4	6.1	5.5	5.3	4.5	4.3	4.2	3.9	4.1	4.2	4.6	3.51
8	4.6	4.2	3.6	2.9	4.6	5.3	5.9	6.3	7.3	8.2	8.5	8.8	9.8	9.6	9.4	10.2	10.0	9.7	8.8	7.9	6.9	6.8	6.7	6.6	7.19
9	6.5	6.5	6.4	6.3	5.8	6.3	7.8	8.3	8.4	9.2	9.0	8.8	8.9	9.4	7.5	8.2	7.7	6.5	5.8	5.4	5.0	4.7	4.5	4.2	6.96
10	3.9	3.7	3.5	3.7	4.1	4.1	4.8	6.2	6.2	8.5	7.2	7.5	6.4	6.0	7.2	7.4	7.0	6.1	5.6	5.0	4.4	4.8	4.3	2.3	5.41
11	1.7	1.6	1.8	1.8	1.9	2.2	3.6	4.7	5.3	8.2	7.7	6.2	8.7	8.1	9.0	7.0	6.1	4.7	4.3	3.6	3.6	3.4	3.3	3.1	4.65
12	3.2	3.3	3.6	3.3	4.1	5.8	7.0	7.1	7.7	7.8	8.3	8.6	9.8	8.4	8.7	7.5	6.3	5.6	4.9	4.2	3.6	3.4	3.2	3.0	5.77
13	3.0	2.8	2.7	2.7	3.7	4.1	5.3	5.2	6.0	7.8	7.9	7.8	9.0	8.9	8.4	7.8	7.8	7.0	6.4	5.8	5.3	4.7	4.4	4.3	5.78
14	4.2	4.2	4.4	4.5	4.8	6.2	7.5	7.9	9.2	10.0	8.4	7.0	5.4	7.0	5.6	6.7	6.0	5.4	4.8	4.5	4.2	3.9	4.0	4.2	5.83
15	4.2	4.2	4.5	5.0	5.0	4.9	5.4	6.2	6.6	7.2	8.1	9.0	11.4	10.0	10.6	9.5	10.0	10.3	10.0	9.6	8.5	8.6	8.8	8.7	7.76
16	8.8	8.8	8.6	8.6	8.7	9.3	10.2	10.5	12.0	12.5	12.7	12.7	13.6	12.0	11.3	12.9	12.8	12.8	12.8	11.8	10.9	11.2	11.1	10.7	11.14
17	11.3	11.0	11.1	11.2	11.7	12.9	14.6	15.0	15.3	17.2	17.1	17.2	17.4	17.4	17.6	17.5	17.2	15.8	15.3	14.7	14.3	14.0	13.7	14.0	14.77
18	14.5	12.0	10.9	11.3	11.0	12.3	12.6	13.1	12.4	12.6	12.7	10.8	11.8	12.2	11.5	10.5	10.3	9.0	8.7	8.3	7.4	6.8	6.7	5.2	10.61
19	5.0	4.0	3.1	3.6	4.4	4.4	5.4	6.0	7.0	7.2	7.9	9.0	11.3	10.7	10.3	9.2	8.5	8.2	8.2	7.6	7.6	7.7	7.8	7.8	7.16
20	7.7	7.6	7.5	7.8	8.4	10.0	11.4	12.0	12.6	13.8	14.0	14.4	15.1	15.1	15.3	14.8	15.1	14.6	13.3	12.6	11.5	9.3	8.9	6.8	11.61
21	6.3	3.7	4.3	3.3	2.4	2.4	3.8	3.1	3.4	4.7	5.6	6.4	7.4	8.0	7.8	6.8	6.9	6.4	5.7	5.0	4.7	4.2	3.6	3.3	4.97
22	3.1	3.1	3.1	3.0	3.0	2.9	4.4	5.3	5.7	6.4	7.3	8.4	8.6	8.4	8.0	7.9	7.4	6.8	5.7	4.8	4.5	4.2	4.2	4.2	5.43
23	4.0	4.0	4.0	3.9	3.7	3.6	3.6	3.6	4.4	7.2	7.2	6.6	6.1	6.3	6.8	7.2	7.0	6.7	6.8	6.1	5.6	4.8	5.4	4.8	5.39
24	4.3	4.2	4.3	4.1	4.1	4.1	3.8	4.0	4.6	6.2	6.0	6.5	7.8	7.4	7.3	7.3	6.4	6.7	5.5	5.0	4.8	4.7	4.3	4.3	5.32
25	4.2	4.2	4.2	3.7	3.8	3.3	3.3	3.4	3.4	5.3	6.7	7.2	7.2	6.8	6.1	4.7	4.3	3.9	3.6	3.6	3.6	3.6	3.3	3.3	4.45
26	2.7	3.0	3.0	3.1	3.3	3.9	3.4	3.9	2.5	4.4	3.1	2.8	3.3	3.7	3.6	2.8	3.0	2.7	2.1	2.0	2.1	1.9	1.7	1.0	2.88
27	1.0	0.7	0.2	0.2	0.1	0.2	−0.2	−0.5	−0.6	−0.3	−0.3	−0.3	0.2	0.4	0.2	−0.1	−0.3	−0.6	−0.8	−1.0	−1.4	−1.8	−1.9	−1.8	−0.36
28	−1.7	−1.7	−1.7	−1.8	−2.0	−2.0	−2.0	−1.8	−1.8	−1.6	−1.5	−1.4	−1.6	−1.7	−1.9	−2.0	−2.0	−1.9	−2.0	−2.0	−1.9	−2.0	−1.9	−1.9	−1.82
29	−1.9	−1.9	−1.9	−1.8	−1.7	−1.7	−1.6	−1.6	−1.6	−0.1	1.0	2.3	2.7	2.9	2.6	2.5	3.1	2.7	2.0	0.8	−0.2	−0.1	0.2	0.7	0.31
30	1.0	1.5	1.7	1.8	1.8	2.3	3.8	2.7	4.0	5.0	5.0	5.7	5.7	5.2	5.0	4.4	4.3	4.0	3.6	3.6	1.8	1.3	1.4	1.6	3.26
31	1.2	1.3	1.3	1.4	1.6	2.0	2.3	2.7	3.0	4.5	4.4	5.0	5.0	4.9	5.1	4.7	5.3	5.2	4.6	3.5	2.6	2.3	2.2	2.1	3.26
M.	3.37	3.12	3.07	3.07	3.28	3.68	4.39	4.67	5.00	6.03	6.12	6.29	6.73	6.56	6.43	6.14	5.93	5.44	4.99	4.51	4.06	3.89	3.77	3.56	4.75

August 1918. Säntis.

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	2.1	2.0	2.0	2.0	2.3	3.2	3.8	4.3	4.7	5.6	6.4	7.7	8.2	8.0	7.6	7.3	7.7	7.8	7.3	6.7	6.4	6.7	6.7	6.8	5.55
2	6.9	7.0	7.0	7.1	7.3	8.3	9.8	10.3	11.2	11.8	9.4	8.0	7.8	7.5	7.1	6.7	5.8	4.1	5.0	5.0	4.6	4.4	4.3	4.1	7.10
3	4.0	3.2	2.9	2.5	1.8	1.1	1.8	1.9	0.4	1.4	1.7	2.8	3.4	3.2	3.6	3.6	3.2	3.2	3.3	3.3	3.3	3.5	3.7	4.1	2.79
4	3.2	2.3	1.7	1.3	0.6	1.0	1.6	2.0	2.7	2.8	2.9	2.8	2.4	2.1	1.1	1.2	1.4	1.0	1.1	1.6	1.4	1.4	1.7	1.4	1.78
5	1.5	1.6	1.5	1.5	1.3	1.5	1.4	1.7	1.9	2.3	2.2	2.3	2.8	2.9	2.7	2.7	2.6	2.8	3.1	3.3	3.3	3.1	3.1	3.2	2.35
6	3.1	3.1	3.0	2.8	2.8	3.0	3.4	3.4	3.6	4.7	4.3	4.3	5.1	4.7	4.9	4.6	4.2	3.7	3.0	1.8	1.2	0.6	0.0	−0.8	3.10
7	−1.2	−1.2	−1.3	−1.6	−1.9	−2.1	−2.4	−2.3	−1.8	−1.4	−1.7	−2.0	−1.2	−1.3	−1.1	−0.5	0.2	0.1	0.0	−0.3	−0.4	−0.4	−0.4	−0.5	−1.11
8	−0.6	−0.7	−0.8	−0.8	−0.7	−0.7	−0.6	−0.3	−0.2	−0.2	0.0	1.8	2.8	2.1	2.3	2.2	2.2	1.7	1.9	1.9	1.8	1.5	0.8	1.2	0.78
9	1.3	0.7	0.8	0.9	1.1	1.1	1.7	1.9	2.0	2.0	2.2	2.3	2.5	2.3	2.3	2.8	1.2	−0.2	−0.2	−0.2	−0.1	−0.1	−0.2	−0.9	1.13
10	−0.6	−0.6	−0.8	−1.1	−1.7	−2.0	−2.1	−1.7	−1.5	−0.9	−1.3	−1.1	−0.5	−1.2	−0.8	−0.2	−0.6	−0.8	−0.9	−1.0	−1.0	−1.0	−0.9	−0.8	−1.05
11	−0.7	−0.7	−0.9	−1.0	−0.9	−1.0	−0.3	0.1	0.3	1.3	3.4	4.0	4.7	5.3	5.9	5.4	5.3	5.0	4.1	3.6	3.1	3.1	3.2	3.1	2.31
12	3.4	3.0	3.2	3.6	4.4	5.1	5.9	6.3	6.3	6.4	7.0	7.4	9.3	8.2	8.4	8.0	7.2	6.6	5.0	4.6	4.0	4.3	4.1	4.2	5.67
13	4.1	3.9	3.8	3.7	3.7	3.6	3.3	3.2	3.2	3.3	3.0	3.3	3.8	2.4	3.3	1.5	2.6	2.2	2.6	3.1	1.8	2.3	2.2	1.4	2.97
14	1.1	0.8	0.8	0.6	0.7	1.1	1.9	2.3	3.0	4.1	4.0	5.3	5.7	6.0	6.7	6.4	6.0	5.9	5.3	4.3	4.1	4.0	4.0	4.4	3.69
15	4.3	4.5	4.3	4.2	4.2	4.4	4.3	4.6	5.4	5.6	5.0	5.8	6.3	6.7	6.9	7.5	7.7	7.1	7.0	6.3	6.1	6.0	6.1	6.0	5.68
16	6.0	5.7	5.5	5.2	5.3	6.0	6.6	7.0	8.3	10.2	11.3	11.7	11.5	11.3	10.7	9.3	9.4	9.4	9.1	8.7	7.9	7.3	7.1	6.3	8.20
17	5.8	6.2	6.3	6.4	7.2	7.4	8.4	8.5	8.4	7.9	8.3	7.8	7.1	8.1	8.0	8.0	7.9	7.7	7.2	7.1	6.4	6.4	6.6	6.5	7.32
18	6.4	6.2	6.2	6.0	5.4	5.4	5.2	5.3	5.5	5.4	5.8	6.2	6.7	6.2	6.0	6.4	6.2	6.0	5.9	5.3	5.2	4.9	4.9	4.9	5.73
19	4.8	4.7	4.2	3.8	3.7	3.6	3.2	3.0	2.8	3.2	3.2	3.2	3.3	3.5	3.9	3.9	4.0	3.6	3.2	2.2	1.1	1.0	1.0	1.0	3.13
20	0.9	0.9	0.9	0.9	0.8	0.6	1.8	2.2	5.1	6.6	7.0	7.0	8.1	8.0	8.0	8.1	9.0	8.1	8.2	7.8	7.4	7.8	8.3	8.5	5.50
21	8.8	8.0	7.8	8.0	10.0	10.3	10.9	10.9	11.2	12.2	12.4	12.8	13.4	13.4	13.2	12.8	12.7	12.6	12.0	11.2	10.4	10.4	10.6	10.7	11.11
22	10.4	10.3	10.2	10.1	10.6	10.6	11.2	12.4	13.4	14.2	14.7	15.3	16.2	15.6	15.9	15.8	15.0	13.8	13.1	12.9	12.9	12.6	12.3	12.2	12.99
23	11.8	11.6	11.0	11.2	11.8	13.2	14.0	14.9	15.5	15.8	16.2	16.1	16.3	16.0	15.0	14.5	13.3	12.3	10.6	10.8	10.4	10.5	9.8	9.2	12.99
24	8.1	8.3	7.9	8.0	8.3	8.7	9.3	9.7	10.3	11.5	11.5	12.3	11.3	11.1	8.5	6.8	6.2	6.7	6.3	6.0	5.6	5.7	5.3	5.3	8.28
25	3.8	3.4	3.4	3.6	3.6	3.5	3.3	4.2	4.6	5.7	5.3	5.2	5.1	5.5	6.3	6.3	6.3	5.8	5.4	4.8	4.6	4.7	4.9	4.8	4.75
26	4.7	4.7	4.6	4.5	4.2	4.0	3.8	3.7	4.0	4.4	4.6	5.4	5.4	5.0	5.6	5.0	4.5	4.0	3.8	2.8	2.6	2.3	2.3	1.5	4.06
27	1.5	1.3	1.3	0.7	0.6	0.5	0.5	0.3	0.3	0.5	0.9	1.7	2.5	2.1	3.2	2.7	2.7	2.7	2.3	2.0	1.4	1.5	1.8	2.2	1.55
28	2.4	2.3	2.0	2.2	2.2	2.2	2.5	3.0	3.6	5.4	5.3	5.4	6.3	6.2	6.2	5.8	5.2	4.3	3.7	2.9	2.4	1.7	0.9	0.6	3.53
29	0.5	1.0	1.2	1.1	1.0	0.8	0.8	0.3	0.6	0.8	1.0	0.9	0.6	1.1	0.7	0.4	0.1	0.0	0.0	−0.7	−0.8	−0.9	−1.9	−2.7	0.25
30	−3.3	−3.9	−4.3	−4.6	−4.8	−5.0	−5.2	−5.1	−4.7	−3.1	−3.7	−3.7	−3.9	−3.5	−3.3	−3.6	−3.6	−3.4	−3.0	−3.4	−3.2	−2.8	−3.3	−4.2	−3.86
31	−4.3	−3.6	−1.8	−1.3	−1.8	−2.1	0.2	−0.2	1.1	1.6	2.2	2.8	3.4	3.3	3.7	4.0	3.8	3.3	2.8	2.2	2.0	1.8	1.3	1.7	1.09
M.	3.23	3.10	3.02	2.95	3.00	3.14	3.55	3.80	4.23	4.87	4.98	5.32	5.69	5.55	5.57	5.33	5.14	4.75	4.46	4.08	3.74	3.69	3.56	3.40	4.17

September 1918. **Stündliche Lufttemperaturen.** $h_i = 7.0^m$. **Säntis.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	1.8	1.8	1.3	1.1	0.9	1.2	1.7	2.4	2.4	3.6	4.6	5.1	5.8	6.6	6.8	6.4	6.0	5.0	4.4	4.0	3.7	3.4	3.0	2.7	3.57
2	2.8	2.8	2.7	2.0	1.7	1.2	0.3	0.4	1.0	−0.3	0.0	0.4	1.3	1.2	1.0	0.9	0.8	0.9	0.9	0.8	0.7	1.1	1.2	1.3	1.13
3	1.2	1.2	0.2	−0.3	−0.3	−0.2	0.0	0.7	1.0	1.9	2.3	2.7	2.7	3.3	3.2	2.8	2.6	2.3	2.0	1.7	1.6	1.5	1.5	1.6	1.55
4	1.7	1.7	1.6	1.3	1.3	2.0	3.5	3.6	4.3	7.0	7.7	8.3	9.0	8.9	8.7	7.8	6.7	5.9	5.8	6.0	5.7	5.9	6.0	6.4	5.28
5	6.6	6.3	6.1	6.0	6.1	6.2	6.9	7.3	8.0	9.7	8.6	7.3	8.8	8.8	8.2	7.8	7.2	7.0	6.8	6.6	6.0	5.6	4.9	4.2	6.96
6	4.4	4.8	4.3	4.3	4.3	4.0	3.3	3.4	3.5	3.5	3.3	3.0	3.4	3.3	3.3	3.5	2.7	2.3	2.2	2.2	2.6	3.0	2.7	2.4	3.31
7	2.6	2.7	2.8	2.9	2.9	2.8	3.9	4.4	5.0	8.7	8.8	9.5	9.9	9.6	9.4	8.2	8.3	7.8	7.0	6.6	6.4	6.7	6.9	6.9	6.28
8	5.1	4.9	4.4	4.2	4.2	4.1	3.4	3.2	3.6	3.5	1.8	1.4	1.8	2.5	2.9	2.2	2.4	2.1	2.0	2.1	2.2	2.1	2.1	2.2	2.93
9	2.2	2.2	2.3	2.3	1.8	−1.1	−1.5	−1.7	−1.7	−1.3	−1.2	−0.8	−0.2	−0.3	−0.3	−0.2	0.1	0.1	0.0	0.1	0.3	0.3	0.4	0.4	0.09
10	0.2	0.0	0.2	0.6	0.7	1.0	1.8	2.7	3.7	5.9	6.3	6.4	8.2	7.0	7.1	7.0	6.5	5.7	5.0	4.3	3.8	3.8	3.2	2.3	3.89
11	1.7	1.6	0.3	1.0	0.4	−0.1	−0.2	−0.8	−0.3	−0.1	1.5	1.7	1.9	3.0	3.0	2.6	2.6	2.5	2.1	1.8	1.8	2.1	2.3	2.4	1.45
12	2.8	3.1	2.7	2.3	1.2	−0.4	−1.2	−1.3	−1.0	0.6	1.2	1.6	1.3	1.4	1.3	0.8	0.0	−0.6	−0.5	−0.6	−0.5	−2.3	−2.6	−2.9	0.27
13	−3.0	−3.0	−3.1	−3.2	−3.3	−3.6	−3.8	−3.8	−3.4	−3.0	−2.8	−2.7	−2.3	−1.7	−1.3	−1.2	−1.4	−1.7	−2.0	−2.2	−2.6	−2.9	−3.0	−3.1	−2.67
14	−3.2	−3.3	−3.4	−3.6	−3.6	−3.6	−3.7	−3.4	−2.5	−1.3	0.3	1.5	1.8	2.4	2.8	3.1	3.3	3.6	3.3	3.5	3.4	3.6	3.9	3.7	0.36
15	3.7	3.4	3.1	3.0	3.1	3.4	4.3	5.3	6.1	7.6	8.0	8.5	9.0	9.0	8.9	8.7	8.4	7.7	7.8	7.4	6.8	6.6	6.4	7.0	6.38
16	6.9	6.8	6.7	6.4	6.0	6.5	7.3	8.1	8.7	10.5	10.7	11.2	11.3	11.5	10.7	10.0	9.6	9.4	9.6	9.0	8.3	9.6	9.8	10.0	8.94
17	9.9	10.5	10.5	10.7	11.0	11.2	11.2	11.9	12.2	12.6	10.9	9.1	8.6	8.8	10.2	9.9	9.9	9.9	10.0	9.7	9.8	9.7	10.0	9.8	10.33
18	9.6	10.0	10.2	10.3	10.7	10.4	11.4	11.2	11.7	13.0	12.4	12.4	13.0	12.1	11.8	11.0	10.6	10.0	9.8	7.9	8.4	8.7	8.8	8.7	10.59
19	8.8	8.6	8.6	8.6	8.4	6.2	7.0	8.0	6.7	7.4	7.2	8.2	8.9	10.5	10.6	11.2	10.7	8.5	8.3	8.4	8.6	8.6	8.3	8.6	8.54
20	8.8	8.9	8.2	7.5	7.1	7.2	5.1	5.3	3.2	−1.4	−1.5	0.6	1.4	0.6	−0.8	−0.7	−0.9	−1.0	−1.1	−0.9	−0.7	−0.5	−0.3	−0.5	2.23
21	−1.1	−0.9	−0.5	−0.4	−0.3	0.0	0.5	0.7	1.1	1.4	1.3	1.9	2.0	1.4	1.1	0.8	0.9	1.1	1.2	1.8	2.0	2.7	3.6	3.8	1.09
22	4.1	4.2	4.7	4.8	5.3	5.7	6.1	6.6	7.7	8.2	7.4	8.0	9.2	7.8	7.5	6.6	6.3	5.7	5.3	5.1	5.0	5.2	5.1	5.0	6.11
23	4.9	4.7	4.3	4.2	4.1	4.0	4.0	3.7	3.2	2.8	3.5	4.0	3.4	3.3	3.8	3.3	2.7	2.5	0.3	−1.0	−0.2	−0.8	−1.0	−1.3	2.60
24	−1.6	−1.3	−1.7	−2.0	−1.8	−1.7	−1.6	−0.4	−0.5	−0.2	0.8	1.7	1.8	2.2	2.5	3.1	3.0	3.1	3.0	2.7	2.6	2.6	2.6	2.4	0.89
25	2.4	2.5	3.5	3.8	3.8	4.1	4.5	5.2	5.7	6.3	6.4	7.6	10.2	10.0	9.5	8.2	7.8	7.3	7.0	7.0	6.8	7.0	7.0	7.1	6.28
26	7.0	7.1	7.1	7.2	7.2	7.3	8.1	8.7	9.3	10.3	10.3	10.3	10.7	10.6	9.8	9.2	8.7	8.1	7.6	7.2	6.8	6.8	6.7	6.6	8.28
27	6.6	6.6	6.6	6.6	6.6	6.8	7.1	7.3	8.0	7.1	6.3	5.2	5.3	4.8	4.3	2.6	2.6	1.7	1.3	1.3	1.0	0.9	0.9	0.7	4.51
28	0.6	0.6	0.4	0.3	0.6	0.0	−0.2	−0.1	0.2	1.5	0.7	0.9	1.3	2.3	1.7	0.8	0.8	0.4	0.1	−0.1	−0.7	−0.8	−1.3	−1.3	0.36
29	−1.3	−1.2	−1.7	−1.4	−1.3	−1.0	−0.4	−0.7	−0.1	0.6	1.0	2.0	2.8	3.6	3.9	3.9	3.6	3.2	3.0	2.8	2.8	3.0	3.0	3.0	1.38
30	3.0	3.0	2.7	2.9	2.4	2.6	2.9	3.2	3.9	3.4	4.3	5.4	1.2	−0.2	−0.5	−1.4	−2.7	−3.8	−4.7	−5.5	−6.1	−6.7	−6.9	−7.0	−0.19
M.	3.31	3.34	3.17	3.11	3.04	2.87	3.06	3.37	3.69	4.32	4.40	4.75	5.12	5.14	5.04	4.62	4.33	3.89	3.58	3.32	3.21	3.22	3.17	3.10	3.76

Oktober 1918. **Säntis.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tages-mittel
1	−7.0	−6.9	−6.7	−6.3	−6.2	−5.8	−5.3	−5.1	−4.6	−3.8	−4.2	−4.1	−3.8	−4.6	−5.1	−5.7	−6.9	−7.0	−7.2	−7.2	−6.7	−6.9	−7.2	−7.6	−5.91
2	−7.9	−7.9	−7.8	−7.9	−7.8	−7.8	−8.1	−8.7	−9.0	−9.2	−9.3	−8.5	−8.5	−8.3	−8.3	−7.8	−7.9	−7.8	−7.7	−8.1	−8.4	−7.8	−7.7	−7.4	−8.15
3	−7.2	−7.0	−7.0	−6.9	−7.0	−6.7	−6.2	−5.3	−5.0	−4.7	−4.2	−3.7	−2.9	−3.0	−3.2	−3.3	−3.6	−3.6	−3.7	−3.7	−4.3	−3.7	−4.1	−4.3	−4.76
4	−4.6	−5.0	−5.7	−6.4	−7.2	−7.8	−8.1	−7.8	−6.0	−2.7	−3.0	−3.1	−3.7	−4.3	−4.5	−5.1	−5.0	−4.7	−4.3	−4.6	−4.4	−5.1	−5.1	−3.9	−5.09
5	−3.7	−3.3	−3.4	−3.4	−3.3	−3.6	−3.5	−3.4	−3.0	−2.4	−2.2	−1.4	−0.7	−1.2	−3.0	−3.6	−4.0	−4.2	−4.6	−4.9	−3.7	−2.5	−2.6	−2.5	−3.09
6	−2.8	−2.9	−3.0	−1.9	−0.7	−1.4	0.9	1.7	2.7	3.6	4.0	4.1	4.4	3.3	3.0	2.3	1.9	1.6	1.6	1.0	0.6	1.8	1.8	1.3	1.20
7	1.1	1.0	0.8	0.8	0.8	0.7	1.0	1.6	2.2	4.0	4.0	4.2	4.1	3.8	3.3	2.8	2.2	1.9	2.0	1.7	1.0	1.0	1.1	1.0	2.00
8	0.9	0.3	0.2	0.1	−0.2	−0.8	−0.8	−0.9	−1.0	−3.4	−4.2	−4.7	−4.7	−5.2	−5.4	−5.6	−6.2	−6.9	−7.1	−7.2	−7.3	−7.3	−7.4	−7.3	−3.84
9	−7.3	−7.3	−7.3	−7.6	−7.7	−7.8	−7.8	−7.8	−7.6	−7.3	−6.9	−6.8	−6.7	−6.6	−6.6	−6.8	−7.0	−7.2	−7.3	−7.3	−6.7	−5.0	−4.3	−4.0	−6.86
10	−3.8	−3.7	−3.4	−3.0	−2.7	−1.6	0.0	0.2	0.2	−0.2	0.9	1.1	1.3	2.0	3.3	3.7	3.2	3.1	3.1	3.1	2.9	2.8	3.3	2.9	0.79
11	2.8	2.4	2.3	2.4	2.4	2.3	2.5	2.8	3.2	5.1	4.7	4.1	4.1	3.9	3.1	3.0	2.2	1.4	1.0	0.6	−0.4	−0.4	−0.2	0.1	2.31
12	0.0	−0.2	−0.7	−1.2	−1.2	−0.9	−0.3	0.2	1.4	1.6	2.1	1.4	2.4	2.2	1.7	1.1	0.8	0.3	0.1	0.0	0.0	0.2	0.3	0.2	0.48
13	0.1	−0.1	0.0	−0.1	−0.1	0.0	0.2	0.2	0.3	1.7	2.1	2.3	3.1	2.8	1.9	1.6	1.6	1.6	1.6	1.6	1.4	1.1	1.0	1.0	1.12
14	0.8	0.6	0.3	0.3	0.6	1.0	1.3	1.0	0.5	1.2	1.2	1.7	1.7	2.3	1.9	1.9	1.5	1.1	1.0	0.7	0.9	0.7	0.7	0.9	1.08
15	0.2	0.9	0.5	−0.8	−1.3	−1.6	−1.7	−2.0	−2.6	−2.6	−2.9	−3.1	−3.2	−2.8	−3.0	−3.0	−3.0	−3.4	−3.7	−4.1	−4.1	−4.1	−4.3	−4.7	−2.52
16	−4.9	−5.2	−5.3	−5.2	−5.2	−5.2	−5.3	−5.2	−5.1	−4.4	−3.8	−3.7	−3.2	−3.7	−3.8	−4.8	−5.3	−5.6	−5.9	−5.8	−5.8	−5.8	−5.8	−5.7	−4.99
17	−6.0	−6.2	−6.7	−6.8	−6.5	−6.5	−5.5	−5.1	−4.7	−4.1	−4.7	−4.7	−2.6	−4.3	−4.1	−5.4	−5.8	−6.3	−5.9	−5.9	−5.8	−5.9	−5.9	−5.9	−5.47
18	−5.7	−5.8	−5.4	−5.3	−5.2	−5.1	−4.2	−4.0	−3.8	−3.4	−4.0	−3.5	−2.7	−3.1	−3.5	−3.5	−3.9	−3.8	−3.8	−3.6	−2.9	−3.7	−3.8	−3.6	−4.05
19	−3.3	−3.2	−3.2	−3.2	−3.2	−3.2	−3.0	−2.3	−1.8	−0.4	−0.5	−0.6	−0.1	−0.1	−0.3	−0.8	−1.8	−2.2	−2.3	−2.6	−2.7	−2.5	−2.6	−2.4	−2.01
20	−2.4	−2.3	−2.6	−2.7	−3.3	−3.4	−3.3	−3.0	−2.4	−1.2	−1.6	−2.0	−1.4	−2.2	−3.8	−4.1	−4.0	−4.4	−4.3	−4.8	−5.2	−5.4	−5.7	−5.7	−3.38
21	−5.6	−5.6	−5.8	−5.9	−6.2	−6.3	−5.8	−5.2	−4.4	−3.5	−3.2	−2.8	−2.2	−2.3	−2.2	−1.7	−1.7	−1.4	−1.0	−0.3	0.4	0.9	0.9	1.4	−2.90
22	1.6	1.5	1.2	1.7	1.5	1.2	1.2	2.3	3.3	4.7	4.6	4.6	4.6	4.1	4.2	3.5	3.0	2.7	2.2	1.9	1.6	2.0	2.2	2.4	2.66
23	2.3	2.4	2.4	2.4	2.3	2.2	2.5	3.1	3.7	4.4	4.2	4.4	4.6	4.5	4.4	3.8	3.7	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.32
24	3.2	3.0	2.9	2.9	2.9	2.8	2.7	2.8	2.9	3.0	2.9	2.8	2.3	2.0	1.6	1.7	1.8	1.6	1.3	0.7	0.2	0.1	0.0	−0.2	2.00
25	−0.3	−0.3	−0.5	−0.6	−0.7	−1.0	−1.0	−1.0	−1.1	−1.0	−1.0	−0.7	−0.1	−0.5	−0.6	−0.8	−1.5	−1.6	−1.7	−1.7	−1.6	−1.9	−1.9	−2.2	−1.05
26	−2.7	−2.8	−3.0	−3.0	−3.4	−3.4	−3.1	−3.2	−2.9	−2.7	−2.3	−2.9	−3.1	−3.6	−4.3	−5.3	−5.6	−5.7	−5.8	−6.0	−6.1	−6.2	−6.2	−6.4	−4.15
27	−6.7	−7.1	−7.4	−7.9	−8.0	−8.1	−8.2	−8.1	−7.5	−5.7	−7.0	−7.4	−6.4	−6.7	−6.4	−7.8	−7.5	−7.2	−7.8	−8.3	−8.3	−7.9	−7.7	−7.3	−7.43
28	−6.9	−6.7	−6.2	−5.8	−5.2	−5.4	−5.4	−4.0	−3.8	−3.8	−3.7	−3.1	−2.7	−3.0	−3.3	−3.9	−3.7	−3.1	−2.4	−1.9	−2.6	−3.4	−4.2	−4.8	−4.13
29	−5.0	−5.0	−4.8	−4.8	−5.2	−5.4	−5.1	−4.8	−4.7	−4.5	−4.7	−5.2	−5.4	−5.7	−4.9	−4.6	−4.4	−3.3	−3.2	−2.5	−2.8	−2.8	−1.9	−2.2	−4.29
30	−2.0	−2.0	−2.0	−1.8	−1.8	−2.3	−2.0	−1.2	−1.0	−0.8	−0.8	−0.3	0.2	0.0	−0.7	−1.2	−1.8	−2.2	−1.4	−1.8	−1.8	−1.9	−2.2	−2.5	−1.47
31	−1.3	−1.2	−2.1	−2.3	−2.0	−1.8	−2.0	−1.8	−0.8	0.3	0.6	0.6	0.4	0.0	−0.3	−0.4	−0.6	−0.7	−0.6	−0.8	−1.3	−1.6	−1.8	−2.3	−0.99
M.	−2.71	−2.76	−2.88	−2.91	−2.98	−2.99	−2.69	−2.39	−2.01	−1.36	−1.38	−1.32	−1.00	−1.30	−1.58	−1.93	−2.23	−2.38	−2.40	−2.54	−2.60	−2.52	−2.52	−2.53	−2.24

November 1918. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. **Säntis.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	-2.6	-2.6	-1.9	-1.1	0.0	1.6	2.2	1.8	1.1	-0.1	-1.0	-2.5	-2.5	-2.6	-2.6	-2.6	-3.1	-3.2	-3.0	-3.1	-3.4	-3.7	-3.0	-3.2	-1.71
2	-3.2	-2.7	-2.8	-3.4	-2.4	-1.9	-1.2	-1.6	-0.8	-0.3	-0.1	-0.3	0.0	0.0	-0.6	-0.6	-1.5	-1.7	-1.7	-1.5	-1.1	-0.8	-0.7	-0.4	-1.30
3	-0.3	-0.1	0.1	0.1	0.0	0.0	0.2	0.4	1.3	2.4	3.1	3.3	3.6	3.3	2.7	2.1	1.8	1.2	1.2	1.1	1.4	1.1	1.0	0.8	1.33
4	1.0	0.7	0.7	0.5	0.2	0.7	0.8	1.1	1.2	1.4	1.2	1.6	1.7	1.7	1.6	1.2	0.9	0.7	0.6	0.7	0.6	0.4	0.3	0.2	0.90
5	0.2	0.2	0.3	0.5	0.7	1.1	1.4	1.2	1.6	4.6	4.8	5.2	5.4	5.0	4.3	3.8	3.8	3.7	3.7	4.0	4.2	4.6	4.5	4.1	3.04
6	3.8	4.0	4.0	4.8	4.7	4.2	5.0	4.9	4.8	4.6	5.3	5.3	6.3	6.1	5.4	4.5	3.9	4.0	3.7	3.6	3.5	3.7	3.7	3.6	4.45
7	3.5	3.2	2.8	2.6	2.5	2.3	1.8	1.9	2.0	2.3	2.6	3.4	4.3	3.4	2.7	2.4	1.7	1.2	0.7	0.3	-0.2	-0.1	0.0	0.1	1.97
8	0.0	0.2	0.1	-0.2	-0.3	-0.8	-0.9	-0.8	-0.5	0.3	0.7	1.3	2.2	2.1	1.8	1.2	0.6	0.4	0.2	0.0	-0.6	-0.8	-0.8	-0.8	0.19
9	-1.1	-1.1	-1.6	-1.7	-1.7	-2.1	-1.9	-0.8	-0.2	2.2	1.9	2.2	2.4	2.0	1.0	-0.3	-0.1	0.0	0.0	-0.2	-0.6	-0.6	-0.8	-1.1	-0.18
10	-1.2	-1.2	-1.5	-1.8	-2.2	-2.3	-2.6	-2.6	-2.2	-0.2	0.6	2.0	3.5	3.0	2.3	1.8	0.7	0.4	0.4	0.2	0.3	0.1	-0.2	-0.1	-0.12
11	-0.3	-0.7	-0.8	-0.9	-1.1	-1.2	-1.2	-1.1	-0.7	-0.1	-0.2	0.0	0.0	-0.2	-0.3	-0.7	-1.2	-1.6	-1.6	-1.9	-2.0	-2.1	-2.3	-2.1	-1.01
12	-2.4	-2.6	-2.8	-2.9	-3.0	-3.1	-3.5	-3.2	-3.3	-2.8	-3.6	-3.5	-3.3	-3.1	-2.9	-3.2	-3.5	-4.1	-4.2	-4.7	-5.4	-4.9	-5.2	-5.9	-3.63
13	-5.9	-6.3	-6.3	-6.4	-7.0	-7.0	-7.1	-6.9	-6.7	-6.0	-6.4	-6.1	-5.7	-6.1	-6.6	-6.2	-6.2	-6.8	-6.8	-7.0	-6.7	-6.3	-6.4	-6.6	-6.48
14	-6.4	-6.7	-7.0	-7.0	-6.3	-6.2	-7.1	-7.2	-7.2	-5.6	-5.4	-5.4	-5.6	-6.5	-7.3	-8.0	-8.3	-8.4	-8.4	-8.3	-8.2	-8.2	-8.6	-9.7	-7.21
15	-11.0	-8.8	-8.7	-8.6	-8.8	-9.1	-8.7	-8.8	-9.0	-10.9	-11.2	-10.5	-9.7	-11.2	-11.7	-12.0	-11.9	-12.0	-11.3	-10.7	-10.1	-10.5	-9.7	-9.3	-10.17
16	-9.6	-9.3	-9.2	-9.6	-10.0	-10.6	-10.2	-10.0	-9.7	-10.3	-10.2	-10.2	-10.1	-10.3	-10.5	-10.8	-11.2	-11.7	-12.1	-12.3	-12.2	-12.3	-12.3	-12.3	-10.71
17	-12.6	-12.6	-12.6	-12.8	-12.8	-13.0	-13.1	-12.6	-10.0	-10.5	-10.2	-9.7	-9.2	-9.7	-10.3	-10.8	-11.1	-11.2	-11.5	-11.7	-10.9	-11.3	-11.7	-11.9	-11.41
18	-11.8	-11.7	-11.6	-11.8	-11.8	-11.8	-11.8	-11.8	-11.8	-10.3	-9.9	-9.7	-8.7	-9.0	-10.7	-11.0	-11.3	-11.6	-11.8	-12.1	-13.0	-12.8	-12.8	-12.7	-11.39
19	-12.6	-13.0	-13.2	-13.1	-12.9	-13.2	-12.8	-12.7	-12.3	-11.4	-11.3	-11.0	-10.8	-10.9	-11.3	-12.2	-12.8	-13.2	-13.3	-13.3	-13.4	-13.3	-12.0	-11.4	-12.39
20	-10.3	-9.7	-9.7	-8.7	-8.0	-7.8	-7.0	-6.1	-5.8	-5.5	-5.2	-5.5	-5.1	-5.3	-5.3	-5.6	-6.3	-5.8	-5.8	-5.7	-5.0	-5.0	-4.8	-4.8	-6.41
21	-4.8	-4.1	-4.0	-4.2	-4.3	-4.6	-4.6	-4.1	-3.9	-3.3	-2.8	-2.3	-2.1	-1.9	-2.0	-2.1	-2.1	-2.1	-2.2	-2.3	-2.4	-1.3	-1.3	-1.7	-2.94
22	-2.1	-1.9	-2.0	-1.6	-2.2	-3.0	-2.8	-2.4	-2.3	-0.8	-0.8	-0.9	-1.0	-1.1	-1.0	-1.2	-2.2	-1.8	-2.0	-1.7	-1.5	-2.5	-1.8	-2.8	-1.81
23	-3.2	-3.0	-3.8	-3.7	-3.7	-3.8	-3.6	-3.4	-3.0	-1.1	-1.0	-1.2	-1.6	-3.6	-4.8	-5.6	-6.1	-7.2	-8.4	-8.5	-8.6	-9.1	-9.3	-9.9	-4.88
24	-10.3	-10.7	-10.9	-11.0	-11.2	-11.4	-11.1	-11.2	-9.7	-7.8	-8.3	-7.7	-6.9	-7.7	-8.1	-8.6	-9.6	-9.9	-10.3	-10.6	-10.7	-10.8	-10.8	-11.0	-9.85
25	-11.3	-11.3	-11.6	-11.7	-11.7	-11.5	-10.7	-10.3	-10.0	-7.7	-7.9	-7.8	-7.8	-8.1	-8.2	-8.5	-8.7	-8.4	-8.4	-8.4	-8.2	-8.2	-8.2	-8.1	-9.28
26	-8.0	-7.9	-7.8	-7.8	-7.8	-8.1	-8.1	-8.1	-7.9	-7.8	-7.9	-7.6	-7.5	-7.7	-8.1	-8.8	-8.7	-8.8	-8.8	-8.8	-8.8	-9.4	-9.7	-9.8	-8.32
27	-9.6	-9.1	-8.4	-8.0	-7.3	-6.3	-5.1	-4.4	-3.9	-3.8	-4.4	-4.9	-5.7	-5.7	-5.8	-6.6	-7.0	-7.4	-7.8	-8.2	-8.6	-8.7	-8.6	-8.5	-6.83
28	-8.5	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.6	-8.5	-8.1	-8.2	-8.6	-8.3	-8.6	-8.4	-8.6	-9.0	-9.1	-9.1	-9.1	-9.5	-9.6	-9.3	-8.7	-8.72
29	-8.2	-7.9	-7.6	-7.3	-7.1	-6.8	-6.3	-6.4	-6.4	-6.3	-6.2	-6.2	-6.4	-6.6	-6.6	-7.1	-7.5	-7.7	-7.7	-7.8	-8.2	-8.2	-8.4	-8.6	-7.23
30	-8.6	-8.4	-8.6	-8.5	-8.5	-8.8	-9.1	-9.1	-8.9	-8.4	-9.2	-9.8	-9.7	-10.3	-10.4	-11.4	-12.0	-12.5	-13.3	-13.6	-13.7	-13.7	-14.0	-14.0	-10.60
M.	-5.25	-5.12	-5.17	-5.15	-5.09	-5.10	-4.92	-4.76	-4.42	-3.71	-3.71	-3.57	-3.28	-3.65	-4.06	-4.52	-4.93	-5.15	-5.30	-5.39	-5.43	-5.48	-5.44	-5.55	-4.76

Dezember 1918. **Säntis.**

Tag	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Tagesmittel
1	-14.0	-14.2	-14.0	-13.7	-13.8	-14.0	-14.3	-14.3	-13.8	-13.7	-12.9	-11.9	-11.6	-11.2	-10.7	-11.0	-10.4	-9.6	-9.2	-8.1	-8.0	-8.6	-8.3	-7.9	-11.68
2	-7.4	-7.3	-6.7	-6.6	-5.8	-5.6	-5.8	-5.0	-5.1	-3.4	-3.6	-3.7	-2.6	-2.5	-2.7	-4.1	-3.3	-3.0	-3.7	-3.6	-3.0	-3.0	-3.5	-3.3	-4.35
3	-3.3	-2.3	-2.2	-2.2	-2.2	-2.3	-2.4	-2.3	-2.1	-1.6	-1.9	-2.9	-2.7	-2.9	-3.0	-3.0	-2.8	-2.9	-3.3	-2.6	-2.3	-2.8	-2.3	-2.0	-2.51
4	-2.0	-2.0	-2.0	-1.9	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.0	-2.2	-3.0	-2.3	-0.8	-1.2	0.2	1.3	1.0	1.2	1.5	1.6	1.6	0.0	-1.00
5	0.9	0.7	0.9	1.0	1.0	1.1	1.0	1.0	1.7	1.5	1.5	1.8	1.9	1.8	1.6	1.4	1.2	1.1	0.8	0.0	0.0	-0.2	-0.6	2.5	1.07
6	3.3	3.4	3.2	2.8	2.7	2.1	1.4	1.5	1.7	1.6	1.7	1.9	1.9	1.7	1.3	0.9	0.7	0.6	0.4	0.6	0.6	0.5	0.3	0.2	1.54
7	-0.2	-0.3	-0.6	-0.7	-0.9	-0.9	-1.1	-0.8	-0.2	1.2	1.1	1.1	1.3	1.0	0.7	0.0	-0.6	0.8	0.6	0.1	0.1	0.1	-0.1	-0.4	0.05
8	-0.8	-1.3	-1.7	-1.9	-2.0	-2.1	-2.5	-2.4	-2.1	-1.3	-1.4	-1.6	-1.6	-1.9	-4.1	-4.4	-4.3	-3.9	-4.2	-4.0	-3.8	-3.6	-3.7	-3.8	-2.68
9	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.6	-3.6	-3.7	-3.8	-4.0	-4.1	-4.4	-4.7	-4.8	-4.8	-4.7	-4.4	-4.6	-4.8	-4.9	-4.09
10	-5.1	-5.2	-5.3	-5.4	-5.7	-5.9	-6.1	-6.1	-5.7	-4.5	-5.2	-5.5	-6.2	-6.2	-6.0	-5.9	-6.2	-6.0	-6.0	-5.8	-5.5	-5.8	-6.2	-6.3	-5.74
11	-6.3	-6.3	-6.4	-6.5	-6.5	-6.6	-6.8	-7.7	-7.8	-7.8	-8.0	-7.4	-6.4	-6.6	-6.6	-6.3	-6.0	-5.8	-5.8	-5.7	-5.5	-5.7	-6.2	-6.2	-6.54
12	-6.5	-6.6	-6.6	-6.6	-6.5	-6.4	-6.6	-6.4	-6.4	-6.3	-6.5	-6.5	-6.5	-6.7	-6.4	-6.6	-6.3	-4.9	-4.4	-3.9	-3.8	-4.2	-4.5	-4.7	-5.87
13	-3.7	-3.4	-3.1	-3.0	-2.7	-2.8	-3.1	-3.0	-2.6	-1.6	-1.4	-1.3	-1.0	-0.7	-0.5	-0.4	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-1.47
14	-0.1	-0.6	-1.1	-1.9	-1.8	-2.2	-2.6	-2.6	-2.5	-2.2	-2.1	-2.3	-2.5	-2.9	-3.3	-3.6	-4.2	-4.3	-4.6	-4.8	-5.3	-4.7	-4.7	-4.7	-2.98
15	-4.3	-4.0	-3.8	-3.7	-3.6	-3.6	-3.8	-3.5	-3.3	-2.2	-1.7	-1.3	-0.7	-0.7	-0.8	-1.0	-1.1	-1.3	-2.1	-1.5	-1.9	-1.8	-0.9	-0.9	-2.23
16	-1.0	-1.5	-1.5	-2.0	-2.2	-3.1	-2.2	-2.6	-2.8	-3.0	-2.6	-3.6	-3.8	-4.1	-4.2	-4.2	-4.5	-4.7	-4.7	-4.7	-4.9	-5.0	-5.1	-5.3	-3.46
17	-5.3	-5.6	-5.7	-6.4	-6.8	-7.5	-8.3	-8.7	-8.6	-8.3	-8.6	-9.2	-10.3	-10.3	-10.3	-10.4	-10.4	-10.5	-10.7	-10.9	-10.8	-10.7	-10.6	-10.8	-8.99
18	-11.0	-11.4	-11.7	-11.9	-11.8	-12.2	-12.3	-12.3	-12.2	-11.7	-11.7	-11.7	-11.4	-11.0	-10.3	-9.6	-7.9	-6.8	-6.4	-5.8	-5.8	-6.0	-6.2	-5.6	-9.78
19	-5.2	-4.8	-4.7	-4.7	-4.7	-5.0	-5.4	-5.9	-6.3	-6.8	-7.4	-8.1	-8.8	-10.0	-10.2	-10.3	-10.6	-10.8	-11.0	-11.2	-11.5	-11.7	-11.7	-11.8	-8.28
20	-11.8	-11.8	-11.8	-11.7	-11.7	-11.5	-11.2	-11.1	-11.0	-10.8	-11.0	-11.3	-11.4	-11.4	-11.3	-11.2	-11.4	-11.5	-11.7	-12.1	-12.7	-12.7	-12.8	-12.9	-11.66
21	-12.9	-13.2	-13.2	-12.9	-12.9	-12.8	-12.5	-12.6	-12.7	-13.1	-13.1	-13.1	-13.2	-13.5	-13.6	-13.2	-13.0	-13.1	-13.7	-14.1	-14.1	-14.0	-13.9	-13.8	-13.26
22	-13.6	-13.1	-13.0	-13.0	-12.4	-11.8	-10.8	-10.2	-9.3	-8.7	-9.0	-9.1	-9.3	-8.2	-7.7	-6.8	-6.6	-6.3	-6.0	-5.6	-5.2	-4.9	-4.7	-4.2	-8.73
23	-3.8	-3.4	-3.0	-2.7	-2.8	-2.9	-2.9	-2.9	-2.8	-2.7	-2.8	-2.8	-2.8	-2.8	-3.0	-3.2	-3.7	-4.5	-5.4	-6.3	-6.8	-7.1	-7.3	-7.7	-4.00
24	-7.9	-8.1	-8.2	-8.4	-8.7	-8.7	-8.9	-9.2	-9.4	-9.6	-8.8	-8.3	-8.0	-8.2	-8.4	-8.4	-8.3	-8.2	-7.8	-7.8	-7.8	-8.2	-8.6	-10.3	-8.51
25	-11.2	-11.4	-11.8	-12.1	-12.2	-12.3	-12.6	-12.8	-13.1	-13.2	-13.0	-12.8	-12.8	-13.1	-13.5	-14.1	-14.5	-14.8	-14.8	-15.2	-15.3	-15.7	-15.8	-15.8	-13.50
26	-15.8	-15.8	-15.8	-15.8	-15.8	-15.7	-15.4	-15.3	-15.1	-14.9	-14.7	-14.7	-14.8	-15.2	-15.3	-15.4	-15.6	-15.6	-15.3	-15.3	-15.1	-14.8	-14.7	-14.4	-15.26
27	-14.3	-14.2	-14.1	-14.0	-13.8	-13.4	-13.0	-12.7	-12.3	-11.6	-11.7	-11.8	-11.4	-11.2	-10.5	-11.2	-11.1	-9.0	-8.8	-8.8	-8.4	-10.2	-10.0	-6.7	-11.48
28	-7.0	-6.3	-6.1	-5.5	-5.0	-4.7	-4.5	-4.4	-4.2	-3.9	-3.4	-3.1	-3.0	-3.2	-3.2	-3.3	-3.3	-3.3	-3.2	-2.9	-2.8	-2.7	-2.4	-2.2	-3.90
29	-1.9	-1.8	-1.7	-1.7	-1.6	-1.5	-1.4	-1.5	-1.6	-1.8	-2.1	-2.2	-2.2	-2.1	-2.1	-2.1	-2.1	-2.1	-1.9	-1.8	-1.6	-1.6	-1.7	-1.7	-1.82
30	-1.8	-1.9	-2.0	-2.2	-2.3	-2.4	-2.6	-2.7	-2.8	-2.7	-2.6	-2.2	-2.1	-2.7	-3.0	-3.2	-3.4	-3.5	-3.8	-4.1	-4.2	-4.3	-4.2	-4.7	-2.98
31	-4.9	-5.6	-5.8	-6.1	-6.2	-6.4	-6.8	-7.6	-8.2	-8.3	-8.2	-8.1	-8.0	-8.0	-8.3	-8.8	-8.9	-9.2	-9.2	-9.4	-9.7	-10.0	-10.2	-10.3	-8.01
M.	-5.89	-5.90	-5.91	-5.97	-5.95	-6.03	-6.11	-6.13	-6.02	-5.72	-5.70	-5.73	-5.70	-5.78	-5.82	-5.97	-5.91	-5.70	-5.80	-5.77	-5.74	-5.89	-5.93	-5.83	-5.87

1918. **Tägliche Maxima und Minima der Lufttemperaturen.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	-6.5	-9.0	-2.6	-4.7	-8.2	-9.5	-0.1	-5.3	0.2	-3.4	3.6	-0.1	3.7	**-2.5**	8.2	2.0	6.8	0.9	-3.8	-7.6	2.2	-3.7	-7.9	-14.3
2	-6.9	-13.1	-1.4	-5.7	-5.3	-8.3	-3.1	-7.7	1.6	-2.8	4.9	-0.2	2.7	0.3	11.8	4.1	2.8	-0.3	-7.4	**-9.3**	0.0	-3.4	-2.5	-7.4
3	-13.5	-23.0	-2.3	-5.3	-5.9	-10.7	-3.3	-7.9	3.4	-3.0	2.8	-0.8	0.8	-1.6	4.1	0.4	3.3	-0.3	-2.9	-7.2	3.6	-0.3	-1.6	-3.3
4	-14.2	-22.2	-4.7	-7.0	-8.6	-10.8	-0.2	-5.0	5.3	0.0	-1.1	-3.7	1.4	-1.3	3.2	0.6	9.0	1.3	-2.7	-8.1	1.7	0.2	1.6	-3.0
5	-5.7	-14.0	-1.1	-6.0	-7.0	-11.8	-0.5	-3.5	4.3	1.0	-3.4	**-6.7**	4.6	-0.2	3.3	1.3	9.7	4.2	-0.7	-4.9	5.4	0.2	2.5	-0.6
6	-3.6	-6.9	-2.2	-6.4	-4.0	-7.8	-2.1	-4.8	5.9	1.2	-1.6	-6.4	2.3	0.1	5.1	-0.8	4.8	2.2	4.4	-3.0	**6.3**	3.5	**3.4**	0.2
7	-2.8	-6.3	-5.0	-7.2	-3.3	-9.0	-0.4	-4.9	4.9	-1.3	1.0	-3.3	6.1	1.2	0.2	-2.4	9.9	2.6	4.2	0.8	4.3	-0.2	1.3	-1.1
8	-6.0	-19.8	-1.0	-4.9	-5.0	-8.4	-1.7	-5.6	0.0	-3.6	3.7	-1.2	10.2	2.9	2.8	-0.8	5.1	1.4	0.9	-7.4	2.2	-0.9	-0.8	-4.4
9	-20.0	**-24.8**	-3.8	-5.7	-4.3	-7.7	0.7	-4.2	-0.2	-2.5	7.7	0.9	9.4	4.2	2.8	-0.9	2.3	1.7	-4.0	-7.8	2.4	-2.1	-3.6	-4.9
10	-13.5	-20.7	-2.0	-5.7	-4.0	-8.1	0.9	-5.2	3.2	-1.4	3.9	-0.6	8.5	2.3	-0.2	-2.1	8.2	0.0	3.7	-3.8	3.5	-2.6	-5.1	-6.3
11	-13.1	-14.6	-2.9	-5.7	-5.0	-8.6	0.0	-5.6	5.9	-0.2	3.8	-0.4	9.0	1.6	5.9	-1.0	3.0	-0.8	**5.1**	-0.4	0.0	-2.3	-5.5	-8.0
12	-5.4	-12.7	-2.3	-6.0	-4.8	-9.6	2.0	-3.1	-0.1	-2.7	2.3	0.8	9.8	3.0	9.3	3.0	3.1	-2.9	2.4	-1.2	-2.4	-5.9	-3.8	-6.7
13	-5.2	-13.9	-5.8	-8.1	-5.2	-7.7	**3.1**	-1.6	2.2	-2.7	3.3	-0.3	9.0	2.7	4.1	1.4	-1.2	-3.8	3.1	-0.1	-5.7	-7.1	-0.1	-3.7
14	-9.3	-15.2	-5.8	-11.7	-5.4	-9.8	3.0	-0.7	0.0	-3.8	**8.1**	2.0	10.0	3.9	6.7	0.6	3.9	-3.7	2.3	0.3	-5.4	-9.7	-0.1	-5.3
15	-1.2	-8.8	-12.1	**-21.9**	-7.0	-9.7	1.0	-3.9	2.6	-3.6	7.6	2.0	11.4	4.2	7.7	4.2	9.0	3.0	0.9	-4.7	-8.6	-12.0	-0.7	-4.3
16	-1.0	-6.2	-13.0	-21.1	-2.2	-7.6	0.2	-4.8	4.4	1.4	3.4	0.2	13.6	8.6	11.7	5.2	11.5	6.0	-3.2	-5.9	-9.3	-12.3	-1.0	-5.3
17	-1.8	-5.9	-7.1	-11.5	-1.7	-5.4	-0.4	-4.2	6.8	3.0	6.7	-2.7	**17.6**	11.0	8.5	5.8	12.6	8.6	-2.6	-6.8	-9.2	-13.1	-5.3	-10.9
18	-1.6	-4.8	-5.9	-8.9	-2.4	-5.8	1.8	-3.9	6.6	3.0	-2.4	-4.2	14.5	5.2	6.7	4.9	**13.0**	7.9	-2.7	-5.8	-8.7	-13.0	-5.6	-12.3
19	-1.9	-4.7	-9.0	-13.3	-1.0	-5.3	-3.0	-8.8	6.0	2.7	3.3	-4.1	11.3	3.1	4.8	1.0	11.2	6.2	-0.1	-3.3	-10.8	-13.4	-4.7	-11.8
20	1.8	-3.3	-11.0	-15.3	-5.0	-7.9	-4.7	-10.0	7.0	3.0	0.0	-1.4	15.3	6.8	9.0	0.6	8.9	-1.5	-1.2	-5.7	-4.8	-10.3	-10.8	-12.9
21	1.2	-5.3	-8.1	-10.9	-5.4	-8.7	-3.5	**-10.4**	9.8	2.8	-0.5	-1.9	8.0	2.4	13.4	7.8	3.8	-1.1	1.4	-6.3	-1.3	-4.8	-12.5	-14.1
22	-1.6	-5.2	-7.2	-12.1	-4.8	-7.2	-4.0	-11.1	**10.5**	3.7	2.2	-1.4	8.6	2.9	16.2	10.1	9.2	4.1	4.7	1.2	-0.8	-3.0	-4.2	-13.6
23	-2.3	-4.9	-4.7	-6.9	-2.3	-5.0	-4.1	-9.2	10.3	3.3	-0.1	-6.3	7.2	3.6	**16.3**	9.2	4.9	-1.3	4.6	2.2	-1.0	-9.9	-2.7	-7.7
24	0.9	-5.8	**0.0**	-5.7	**1.7**	-3.0	0.3	-5.5	4.1	-2.9	-1.3	-6.0	7.8	3.8	12.3	5.3	3.1	-2.0	3.2	-0.2	-6.9	-11.4	-7.8	-10.3
25	2.5	-0.5	-4.1	-10.5	-2.0	-7.7	-1.7	-5.6	-0.5	-2.8	0.1	-2.9	7.2	3.3	6.3	3.3	10.2	2.4	-0.1	-2.2	-7.7	-11.7	-11.2	**-15.8**
26	**3.1**	-0.6	-2.3	-12.9	-8.6	-17.0	1.9	-5.8	1.5	-1.3	2.2	-0.1	4.4	1.0	5.6	1.5	10.7	6.6	-2.3	-6.4	-7.5	-9.8	-14.4	**-15.8**
27	1.8	-1.9	-4.8	-8.7	-12.7	**-17.3**	-2.2	-3.8	2.2	-4.7	1.9	-3.6	1.0	-1.9	3.2	0.3	8.0	0.7	-5.7	-8.3	-3.8	-9.6	-6.7	-14.3
28	0.5	-2.3	-6.2	-9.2	-6.4	-12.3	-1.2	-3.3	-4.4	**-5.6**	3.2	-3.5	-1.4	-2.0	6.2	0.6	2.3	-1.3	-1.9	-6.9	-8.1	-9.6	-2.2	-7.0
29	0.8	-3.4			-6.1	-9.2	1.8	-2.2	-3.1	-4.7	4.0	-0.2	3.1	-1.9	1.2	2.7	3.9	-1.7	-1.9	-5.7	-6.2	-8.6	-1.4	-2.2
30	0.7	-2.9			-4.7	-8.9	0.0	-3.4	1.1	-3.0	2.0	-1.7	5.7	1.0	-2.8	**-5.2**	5.4	**-7.0**	0.2	-2.5	-8.4	**-14.0**	-1.8	-4.7
31	-1.1	-3.4			-2.3	-6.5			1.7	-1.0			5.3	1.2	4.0	-4.3			0.6	-2.3			-4.9	-10.3
Mittl. Max.	-4.03		-4.94		-4.80		-0.65		3.33		2.38		7.36		6.47		6.61		-0.05		-2.83		-3.87	
Mittl. Min.	-9.23		-9.25		-8.78		-5.33		-1.03		-1.93		2.22		1.88		1.07		-4.17		-6.69		-7.81	
Differenz	5.20		4.31		3.98		4.68		4.36		4.31		5.14		4.59		5.54		4.12		3.86		3.94	
Abs. Max.	3.1		0.0		1.7		3.1		10.5		8.1		17.6		16.3		13.0		5.1		0.3		3.4	
Abs. Min.	-24.8		-21.9		-17.3		-10.4		-5.6		-6.7		-2.5		5.2		-7.0		-9.3		-14.0		-15.8	
Differenz	27.9		21.9		19.0		13.5		16.1		14.8		20.1		21.5		20.0		14.4		20.3		19.2	

1918. **Uebersicht über den täglichen Gang der Temperatur.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	-6.49	-0.45	-0.54	-0.52	**-0.56**	-0.49	-0.40	-0.37	-0.27	0.22	0.76	**0.82**	0.77	0.78	0.68	0.43	0.20	-0.06	-0.08	-0.10	-0.04	-0.02	-0.25	-0.33	-0.22
Febr.	-7.25	-0.25	-0.21	-0.31	-0.39	-0.40	-0.55	-0.56	**-0.57**	-0.16	0.45	0.58	0.80	**0.93**	0.61	0.43	0.48	0.17	-0.02	-0.04	-0.15	-0.06	-0.19	-0.20	-0.35
März	-6.78	-0.55	-0.58	-0.65	-0.65	-0.63	**-0.75**	-0.46	-0.24	0.02	0.66	0.74	0.85	**1.13**	1.11	1.06	0.74	0.43	0.12	-0.17	-0.37	-0.53	-0.47	-0.43	-0.47
April	-3.13	-1.19	-1.27	-1.30	**-1.39**	-1.34	-1.06	-0.32	0.12	0.64	1.22	1.34	1.53	**1.92**	1.90	1.55	1.23	0.78	0.27	-0.31	-0.64	-0.89	-0.92	-0.93	-1.03
Mai	1.05	-1.07	-1.12	-1.12	-1.11	-1.00	-0.63	-0.12	0.10	0.39	0.85	1.26	1.50	1.54	1.44	1.25	0.88	0.51	0.21	-0.16	-0.37	-0.67	-0.80	-0.82	-0.87
Juni	0.19	-0.66	-0.69	**-0.82**	**-0.82**	-0.78	-0.64	-0.23	0.00	0.21	0.65	0.73	0.82	1.18	**1.21**	1.02	0.85	0.66	0.34	0.04	-0.28	-0.56	-0.68	-0.74	-0.73
Juli	4.75	-1.38	-1.63	**-1.68**	**-1.68**	-1.47	-1.07	-0.36	-0.08	0.25	1.28	1.37	1.54	**1.98**	1.81	1.68	1.39	1.18	0.69	0.24	-0.24	-0.69	-0.86	-0.98	-1.19
Aug.	4.17	-0.94	-1.07	-1.15	**-1.22**	-1.17	-1.03	-0.62	-0.37	0.06	0.70	0.81	1.15	**1.52**	1.38	1.40	1.16	0.97	0.58	0.29	-0.09	-0.43	-0.48	-0.61	-0.77
Sept.	3.76	-0.45	-0.42	-0.59	-0.65	-0.72	**-0.89**	-0.70	-0.39	-0.07	0.56	0.64	0.99	1.36	**1.38**	1.28	0.86	0.57	0.13	-0.18	-0.44	-0.55	-0.54	-0.59	-0.66
Okt.	-2.24	-0.47	-0.52	-0.64	-0.67	-0.69	**-0.75**	-0.45	-0.15	0.23	0.88	0.86	0.92	**1.24**	0.94	0.66	0.31	0.01	-0.14	-0.16	-0.30	-0.36	-0.28	-0.28	-0.29
Nov.	-4.76	-0.49	-0.36	-0.41	-0.39	-0.33	-0.34	-0.16	0.00	0.34	1.05	1.05	1.19	**1.48**	1.11	0.70	0.24	-0.17	-0.39	-0.54	-0.63	-0.67	-0.72	-0.68	**-0.79**
Dez.	-5.87	-0.02	-0.03	-0.04	-0.10	-0.08	-0.16	-0.24	**-0.26**	-0.15	0.15	**0.17**	0.14	**0.17**	0.09	0.05	-0.10	-0.04	**0.17**	0.07	0.10	0.13	-0.02	-0.06	0.04

Januar 1918. **Stündliche Barometerstände** (500 $\frac{mm}{+}$). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tages-mittel
1	57.2	57.2	57.2	57.0	56.9	57.0	57.1	57.3	57.6	57.9	58.0	58.0	57.8	57.6	57.8	57.8	58.0	58.1	58.1	58.3	58.5	58.7	59.0	59.2	57.80
2	59.2	59.2	59.2	59.2	59.0	59.2	59.3	59.7	60.1	60.3	60.3	60.0	59.5	59.3	59.4	59.3	59.2	59.2	59.1	58.9	58.5	58.1	57.9	57.8	59.20
3	57.7	57.4	57.2	56.8	56.6	56.4	56.4	56.4	56.4	56.5	56.4	56.6	56.4	56.5	56.5	56.8	56.8	57.0	57.5	57.7	57.9	58.1	58.3	58.2	57.02
4	58.2	58.2	58.4	58.4	58.7	58.9	58.9	60.3	60.0	59.8	60.2	60.3	60.4	60.5	60.5	60.4	60.4	61.0	61.2	61.6	61.7	62.0	62.2	62.4	60.19
5	62.4	62.4	62.5	62.5	62.8	63.0	63.1	63.5	63.8	64.1	64.2	64.2	64.1	64.1	64.1	64.1	64.0	64.0	63.8	63.8	63.8	63.7	63.5	63.1	63.53
6	62.8	62.6	62.2	61.9	61.4	61.2	61.1	60.8	60.8	60.8	60.6	60.0	59.5	59.0	58.8	58.4	58.1	58.1	58.0	57.5	57.4	56.8	56.4	56.0	59.59
7	55.8	55.6	55.0	54.2	53.7	53.7	53.6	53.3	53.0	52.5	51.8	51.0	50.4	49.9	49.6	49.1	48.9	48.8	48.8	48.6	48.1	48.0	47.0	46.7	51.13
8	46.4	46.0	45.4	44.7	44.5	44.4	44.0	44.0	43.8	43.7	43.8	43.5	43.9	44.2	44.6	44.8	45.0	45.8	46.2	46.8	46.8	46.8	46.9	47.0	45.12
9	47.2	47.6	47.9	48.1	48.4	48.9	49.6	50.4	50.4	51.2	51.6	52.0	52.2	52.6	53.2	53.5	53.9	54.6	55.1	55.4	55.5	55.4	55.0	54.8	51.85
10	54.4	54.6	54.5	54.5	54.6	55.0	55.3	55.9	56.6	57.0	57.8	58.0	58.5	58.9	59.2	59.6	59.8	59.7	59.9	60.0	60.0	59.8	59.7	59.6	57.62
11	59.3	59.2	58.9	59.0	58.8	58.3	58.2	58.2	58.1	58.3	58.6	58.4	57.9	57.9	57.8	58.0	58.0	57.6	57.6	57.5	57.4	57.7	58.0	57.6	58.18
12	57.2	57.2	56.8	56.6	56.7	56.6	56.8	56.2	56.4	56.6	56.6	56.5	56.3	56.0	55.8	55.8	55.7	55.3	54.8	54.6	54.5	54.2	53.6	53.4	55.82
13	53.3	53.1	53.1	52.8	52.7	52.6	52.6	52.4	52.8	53.5	53.4	53.2	52.6	52.7	52.8	52.6	52.6	53.3	54.2	54.6	55.2	55.6	55.8	56.4	53.50
14	56.4	56.7	57.0	57.0	57.1	57.4	57.6	58.0	58.4	58.8	59.2	59.2	59.1	59.2	59.6	60.1	60.4	60.4	60.6	60.8	60.9	60.8	61.0	60.9	59.03
15	60.8	60.8	60.7	60.4	60.0	59.9	60.2	60.2	60.2	60.4	60.0	59.4	59.0	59.3	60.0	59.8	60.0	60.1	60.7	61.1	61.2	61.1	61.4	61.6	60.35
16	61.4	61.8	61.4	60.8	60.6	61.2	60.6	60.8	60.4	59.7	60.4	59.7	59.3	58.7	59.2	59.1	59.6	60.2	59.6	60.8	61.6	62.4	62.4	62.3	60.58
17	62.6	62.9	62.7	62.7	62.8	62.8	63.1	63.8	63.9	64.1	64.5	64.2	63.9	63.8	64.1	64.1	64.3	64.4	64.2	64.4	64.2	64.2	64.4	64.4	63.77
18	64.2	64.2	64.0	64.0	64.1	64.0	63.9	63.9	64.0	64.0	64.0	63.5	62.7	62.4	62.3	62.3	62.3	62.3	62.3	62.6	62.3	62.2	62.3	62.3	63.17
19	62.3	62.2	62.0	61.8	61.8	62.1	62.2	62.4	62.6	62.8	63.0	62.8	62.5	62.2	62.3	62.4	62.5	62.5	62.4	62.4	62.2	62.2	62.4	62.4	62.35
20	62.6	62.8	62.6	62.4	62.4	61.8	61.5	61.4	61.4	61.3	61.4	61.2	61.1	60.8	60.7	60.9	61.0	61.0	61.0	61.1	61.3	61.3	61.2	61.0	61.47
21	60.7	60.5	60.4	60.2	59.9	59.7	59.6	59.5	59.4	59.5	59.2	58.9	58.8	58.8	58.8	58.5	58.7	58.8	58.6	58.7	59.1	59.2	59.1	59.1	59.32
22	59.4	59.3	59.0	59.0	59.0	59.1	59.6	59.7	59.8	59.8	59.8	59.7	59.5	59.2	59.5	59.4	59.6	60.0	60.0	60.0	59.8	60.2	60.3	59.9	59.61
23	60.2	60.6	61.0	61.0	61.4	61.8	62.5	63.2	63.8	64.4	64.7	65.0	65.2	65.5	65.6	66.1	66.4	66.8	67.3	67.2	67.7	67.7	68.0	68.5	64.65
24	68.7	69.1	69.2	69.3	69.7	69.9	70.1	70.4	70.9	71.2	71.5	71.6	71.5	71.6	71.7	72.0	72.1	72.4	72.6	72.9	73.1	73.3	73.3	73.4	71.31
25	73.3	73.5	73.5	73.5	73.4	73.5	73.7	73.9	74.2	74.3	74.2	74.2	74.0	73.8	73.8	73.8	73.9	73.9	74.0	73.9	73.9	73.8	73.8	73.8	73.82
26	73.5	73.4	73.2	73.0	73.0	73.0	72.9	73.0	73.1	73.3	73.2	73.0	72.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.4	72.4	72.3	72.78
27	72.0	71.8	71.6	71.5	71.5	71.4	71.5	71.6	71.6	71.7	71.8	71.6	71.5	71.2	71.2	71.1	71.1	71.1	71.2	71.2	70.9	70.9	71.1	71.2	71.39
28	71.0	70.9	70.8	70.8	70.7	70.6	70.6	70.8	70.8	71.0	71.0	70.9	70.7	70.5	70.5	70.5	70.5	70.4	70.4	70.4	70.4	70.3	70.3	70.2	70.62
29	70.1	70.0	69.9	69.8	69.7	69.6	69.7	69.8	69.9	70.0	70.0	69.8	69.6	69.4	69.4	69.5	69.5	69.4	69.4	69.4	69.4	69.4	69.3	69.3	69.64
30	69.2	69.0	68.9	68.8	68.7	68.6	68.6	68.7	68.9	69.0	69.0	68.8	68.7	68.5	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.6	68.74
31	68.5	68.4	68.2	68.2	68.3	68.3	68.3	68.6	68.8	68.9	69.0	69.0	68.9	68.9	68.9	69.0	69.0	69.2	69.3	69.3	69.5	69.5	69.7	69.7	68.89
M.	61.55	61.55	61.43	61.29	61.26	61.29	61.35	61.55	61.67	61.82	61.91	61.75	61.55	61.47	61.56	61.61	61.69	61.82	61.90	62.02	62.06	62.08	62.08	62.04	61.68

Februar 1918. (500 $\frac{mm}{+}$). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tages-mittel
1	69.6	69.5	69.5	69.5	69.5	69.4	69.4	69.6	69.8	70.1	70.2	70.1	70.0	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.2	70.3	70.3	70.2	69.85
2	70.2	70.3	70.2	70.2	70.2	70.2	70.2	70.4	70.7	70.8	70.8	70.7	70.5	70.6	70.6	70.6	70.7	70.6	70.5	70.4	70.4	70.3	70.2	70.1	70.43
3	69.9	69.7	69.5	69.2	69.0	68.8	68.7	68.7	68.6	68.5	68.4	68.2	67.9	67.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.6	67.5	68.28
4	67.4	67.3	67.2	67.1	67.0	66.9	66.9	67.0	66.8	66.8	66.8	66.6	66.4	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.0	65.9	66.57
5	65.7	65.5	65.2	65.1	65.1	65.0	65.1	65.1	65.2	65.2	65.2	65.1	65.0	64.8	64.8	64.8	64.9	65.0	65.1	65.0	65.0	65.0	65.1	65.1	65.09
6	65.1	65.0	65.0	65.0	65.0	65.1	65.2	65.5	65.7	65.8	65.8	65.7	65.5	65.3	65.4	65.4	65.6	65.6	65.8	65.9	66.0	65.8	65.6	65.6	65.48
7	65.4	65.5	65.2	64.9	64.7	64.4	64.2	64.2	63.9	64.4	64.4	64.5	64.1	63.9	64.0	64.0	64.2	64.5	64.7	64.9	64.9	65.0	65.0	65.0	64.58
8	64.8	64.8	64.9	64.7	64.6	64.6	64.7	64.9	65.1	65.3	65.4	65.3	65.2	64.9	64.8	64.9	65.0	65.0	65.1	65.2	65.1	65.1	65.0	65.0	64.97
9	64.9	64.9	64.6	64.4	64.4	64.4	64.5	64.9	65.0	65.2	65.4	65.3	65.2	65.6	65.6	65.6	66.0	66.4	66.6	67.2	67.2	67.2	67.4	67.5	65.64
10	67.8	68.1	68.1	68.1	68.2	68.6	68.9	69.5	69.6	69.6	70.1	70.3	70.3	70.4	70.8	70.8	70.9	71.3	71.4	71.5	71.5	71.6	71.7	71.6	70.03
11	71.5	71.4	71.2	71.0	71.0	71.0	70.9	70.6	70.9	71.5	71.6	71.6	71.3	71.0	70.9	70.8	70.6	70.6	70.5	70.4	70.2	70.2	70.2	70.2	70.88
12	70.1	70.1	70.0	69.8	69.6	69.5	69.5	69.6	69.8	69.6	69.6	69.5	69.1	68.8	68.6	68.5	68.4	68.3	68.3	68.0	67.9	67.8	67.6	67.4	68.98
13	67.2	67.0	66.5	66.2	65.9	65.6	65.5	65.4	65.1	64.9	64.8	64.6	64.0	63.5	62.8	62.8	62.4	62.3	62.1	61.7	61.6	61.6	61.4	61.2	64.00
14	61.0	61.0	60.7	60.6	60.6	60.6	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.8	60.9	61.2	61.6	61.7	61.9	62.0	62.1	62.1	62.1	62.1	61.19
15	62.0	62.0	61.8	61.8	61.6	61.3	61.2	60.7	60.3	60.1	60.0	59.8	59.7	59.5	59.4	59.4	59.3	59.2	59.4	59.1	58.8	58.7	58.2	57.8	60.05
16	57.5	57.0	56.4	56.0	55.8	55.7	55.7	55.4	55.3	55.0	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.8	56.1	56.1	56.0	56.0	56.3	56.6	55.82
17	56.7	56.7	56.7	56.8	56.9	56.7	56.7	57.0	57.0	57.1	57.1	57.0	57.0	57.0	57.1	57.3	57.6	57.9	58.1	58.4	58.7	58.8	58.8	59.0	57.42
18	59.1	59.0	58.9	58.7	58.6	58.4	58.4	58.6	58.5	58.3	58.3	58.0	57.8	57.6	57.4	57.2	57.2	57.2	57.2	57.2	57.0	56.8	56.7	56.7	57.87
19	56.7	56.8	56.6	56.4	56.5	56.5	56.5	56.3	56.6	56.9	56.9	56.9	56.9	57.0	57.2	57.2	57.4	57.7	58.0	58.1	58.0	58.1	58.2	58.3	57.15
20	58.4	58.6	58.6	58.6	59.0	59.4	59.6	60.0	60.3	60.7	60.8	60.8	60.6	60.8	60.9	61.1	61.4	61.7	61.7	61.9	62.1	62.1	62.4	62.1	60.57
21	62.0	62.0	61.8	61.8	61.4	61.4	61.5	61.4	61.5	62.1	62.3	62.5	62.6	62.8	62.8	62.8	62.8	62.9	63.4	63.8	64.1	64.2	64.2	64.2	62.60
22	64.5	64.6	64.2	64.3	64.4	64.2	64.3	64.4	64.6	65.1	65.3	65.1	65.0	65.2	64.9	64.7	65.1	65.6	65.7	65.6	65.7	65.7	66.2	66.4	65.03
23	66.7	67.2	67.4	67.6	67.9	68.6	68.3	69.0	69.1	69.7	70.1	70.4	70.8	71.0	71.0	71.0	71.3	71.6	71.9	72.0	72.2	72.2	72.3	72.4	70.07
24	72.4	72.2	71.9	71.6	71.6	71.5	71.5	71.5	71.3	71.3	71.4	71.2	70.8	70.5	70.1	69.8	69.4	69.3	69.0	68.7	68.3	68.0	67.6	67.4	70.35
25	67.3	67.0	66.5	66.1	65.7	65.6	65.3	65.0	64.8	64.5	64.4	64.1	63.9	63.6	63.3	63.5	63.7	64.0	64.3	64.6	65.0	65.3	65.5	65.6	64.94
26	65.8	66.0	66.1	66.2	66.6	66.8	67.0	67.3	67.6	68.1	68.2	68.3	68.5	68.4	68.3	68.3	68.5	68.7	69.0	69.0	69.0	69.1	68.9	68.6	67.85
27	68.2	67.8	67.3	66.7	66.2	66.1	66.0	65.8	65.7	65.3	65.1	64.8	64.5	64.1	63.8	63.4	62.8	62.6	62.2	61.8	61.3	60.8	60.4	60.0	64.28
28	59.6	59.0	58.3	57.5	56.7	56.2	55.7	55.1	54.7	54.3	54.3	53.8	53.2	52.8	52.4	51.6	51.2	50.9	50.5	50.2	49.9	49.7	49.4	49.4	53.60
M.	64.91	64.86	64.65	64.50	64.42	64.38	64.35	64.41	64.44	64.54	64.60	64.51	64.35	64.24	64.16	64.13	64.18	64.29	64.36	64.37	64.36	64.34	64.30	64.25	64.41

März 1918. **Stündliche Barometerstände** (500 mm +). **Säntis.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	49.6	49.5	49.2	48.9	48.8	48.8	48.9	49.0	49.0	49.0	48.8	48.7	48.3	48.0	48.0	**47.9**	**47.9**	48.0	48.3	48.4	48.4	48.4	48.5	48.6	48.62
2	48.6	48.6	48.5	48.4	48.6	48.8	49.1	49.0	49.1	49.7	50.4	50.5	50.4	50.3	50.3	50.4	50.4	50.3	50.3	50.0	50.1	50.0	50.2	50.2	49.68
3	50.2	50.4	50.3	50.4	50.9	51.2	51.8	52.4	52.8	53.4	53.8	54.6	54.8	54.9	55.1	55.6	55.7	55.9	55.8	55.8	55.6	55.2	54.8	54.6	53.58
4	54.3	53.9	53.7	53.6	53.4	53.4	53.4	53.5	53.7	54.0	54.2	54.4	54.6	54.8	55.2	55.3	55.7	56.1	56.4	56.7	57.0	57.0	57.2	57.4	54.95
5	57.7	58.0	58.1	58.2	58.2	58.4	59.1	59.4	59.8	60.0	60.2	60.4	60.5	60.5	60.6	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.5	60.3	59.73
6	60.1	60.0	59.6	59.3	59.1	58.8	58.8	58.7	58.6	58.6	58.6	58.6	58.5	58.6	58.6	58.7	58.9	59.0	59.2	59.3	59.3	59.4	59.3	59.3	59.04
7	59.2	59.0	58.9	58.8	58.8	58.6	58.6	58.6	58.5	58.5	58.4	58.4	58.0	57.9	57.7	57.4	57.1	56.9	56.8	56.7	56.7	56.4	56.3	56.3	57.85
8	56.4	56.4	56.6	56.8	57.1	57.5	58.0	58.4	58.6	59.0	59.4	59.7	59.8	60.0	60.3	60.6	60.7	60.8	60.9	61.0	61.0	61.2	61.2	61.4	59.28
9	61.5	61.5	61.4	61.4	61.5	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	61.9	61.9	61.9	61.9	62.0	62.0	62.0	61.9	62.0	62.0	61.84
10	62.0	61.8	61.8	61.8	61.8	61.9	62.2	62.4	62.7	62.9	63.0	63.3	63.3	63.3	63.3	63.2	63.2	63.5	63.6	63.8	63.8	63.8	63.7	63.7	62.91
11	63.6	63.5	63.3	63.1	63.0	63.0	63.1	63.3	63.3	63.5	63.5	63.2	63.1	62.9	62.8	62.7	62.7	62.6	62.5	62.4	62.2	62.0	61.8	61.6	62.86
12	61.4	61.1	60.8	60.8	60.8	60.8	61.0	61.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0	62.2	62.2	62.4	62.6	62.6	61.49
13	62.7	62.7	62.5	62.4	62.5	62.6	62.7	62.9	63.0	63.1	63.1	63.1	63.1	63.0	62.8	62.8	62.6	62.6	62.6	62.3	62.2	62.0	61.7	61.4	62.60
14	61.2	60.7	60.3	59.9	59.5	59.3	59.1	59.0	59.0	58.8	58.8	58.5	58.4	58.2	58.0	57.7	57.5	57.5	57.4	57.3	57.1	56.8	56.4	56.0	58.43
15	55.8	55.4	55.1	54.8	54.8	54.9	55.1	55.2	55.4	55.9	56.0	56.4	56.9	57.0	57.4	57.7	58.0	58.4	58.7	59.2	59.4	59.7	59.8	60.0	56.96
16	60.2	60.2	60.2	60.2	60.0	60.0	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.9	60.9	60.8	61.0	61.1	61.0	61.1	60.57
17	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.9	62.1	62.2	62.6	62.6	62.6	62.8	61.67
18	62.8	62.8	63.0	63.0	63.2	63.4	63.8	64.1	64.7	65.0	65.4	65.6	65.7	65.8	65.8	65.9	66.0	66.1	66.3	66.4	66.6	66.6	66.4	66.2	65.02
19	66.2	66.0	65.8	65.6	65.6	65.6	65.7	65.7	65.7	65.6	65.6	65.4	65.0	64.6	64.4	64.1	63.9	63.8	63.6	63.5	63.1	62.8	62.3	62.2	64.66
20	62.1	61.7	61.6	61.4	61.3	61.3	61.6	61.6	62.0	62.2	62.4	62.7	62.8	63.0	63.1	63.2	63.4	63.6	64.0	64.2	64.5	64.5	64.7	64.7	62.81
21	65.0	65.0	65.2	65.3	65.6	65.9	66.3	66.6	67.0	67.2	67.4	67.6	67.7	67.8	67.9	67.9	68.1	68.3	68.4	68.4	**68.5**	**68.5**	**68.5**	68.4	67.19
22	68.4	68.3	68.0	67.8	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.4	67.4	67.4	67.4	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.57
23	67.3	67.2	67.2	67.2	67.2	67.1	67.0	67.1	67.4	67.6	67.7	67.8	67.8	67.8	67.6	67.4	67.4	67.2	67.2	67.2	67.0	67.0	66.8	66.6	67.28
24	66.4	66.0	65.8	65.6	65.5	65.6	65.6	65.8	66.0	66.1	66.1	66.1	66.1	65.9	65.8	65.6	65.4	65.2	65.2	65.0	64.7	64.4	64.2	63.7	65.49
25	63.3	62.7	62.2	61.8	61.4	61.0	60.8	60.4	60.1	59.8	59.6	59.2	58.8	58.2	57.6	57.1	57.0	56.6	56.2	56.0	55.8	55.3	54.8	54.1	58.74
26	53.8	53.2	53.0	52.4	52.3	52.3	52.4	52.4	52.5	52.6	52.8	53.0	53.2	53.4	53.6	53.6	53.9	54.0	54.3	54.6	54.9	55.1	55.1	55.2	53.48
27	55.2	55.2	54.9	54.9	54.9	55.1	55.3	55.6	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.8	57.0	56.9	56.9	56.9	56.9	56.8	56.14
28	56.7	56.6	56.2	56.2	56.1	56.0	56.2	56.4	56.8	57.1	57.1	57.1	57.1	57.0	56.9	56.7	56.4	56.3	56.2	56.2	56.2	56.1	55.9	55.8	56.47
29	55.5	54.8	54.4	53.8	53.7	53.8	53.5	53.5	53.3	53.7	53.9	54.0	54.2	54.2	54.2	54.0	54.3	54.3	54.0	54.5	54.3	54.4	54.4	54.4	54.13
30	54.2	54.2	53.8	53.8	53.8	54.3	54.3	54.4	54.6	54.8	54.7	54.5	54.4	54.2	54.0	53.5	53.4	53.4	53.4	53.3	52.9	52.5	52.1	51.9	53.77
31	52.3	52.5	52.8	52.8	52.8	52.9	53.1	53.4	53.8	54.1	54.4	54.5	54.3	54.4	54.4	54.5	54.5	54.5	54.4	54.5	54.6	54.6	54.7	54.7	53.90
M.	59.19	59.03	58.88	58.76	58.74	58.79	58.94	59.06	59.23	59.40	59.51	59.58	59.56	59.53	59.52	59.47	59.49	59.54	59.60	59.64	59.63	59.57	59.48	59.40	59.31

April 1918. (500 mm +). **Säntis.**

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmitte
1	54.8	54.2	53.7	53.2	52.8	52.6	52.6	52.4	52.7	52.9	52.9	53.2	53.5	53.8	54.0	54.1	54.1	54.0	54.0	53.9	54.1	54.3	54.4	54.8	53.68
2	54.7	54.8	55.0	55.1	55.4	55.7	56.1	56.4	57.0	57.6	58.0	58.3	58.6	58.9	59.1	59.6	59.6	60.0	60.1	60.4	60.5	60.8	60.8	60.8	58.05
3	60.8	60.6	60.6	60.6	60.5	60.6	60.5	60.4	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.8	60.8	60.8	60.8	60.8	60.6	60.6	60.4	60.3	60.68
4	60.0	59.9	59.8	59.8	59.5	59.3	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.2	59.2	59.1	59.2	59.4	59.6	59.6	59.6	59.8	59.9	59.46
5	59.8	59.8	59.8	59.7	59.8	59.9	60.2	60.4	60.5	60.5	60.6	60.9	61.0	61.0	61.1	61.2	61.2	61.3	61.4	61.6	61.7	61.7	61.8	61.8	60.78
6	61.7	61.7	61.6	61.5	61.4	61.5	61.7	61.8	62.0	62.2	62.2	62.1	62.1	62.0	61.8	61.6	61.6	61.5	61.5	61.6	61.6	61.5	61.2	60.8	61.67
7	60.5	60.2	59.6	59.1	58.8	58.7	58.7	58.5	58.3	58.1	57.9	57.6	57.5	57.3	57.1	56.9	56.9	56.8	56.8	56.8	56.7	56.6	56.4	56.2	57.88
8	56.1	55.8	55.6	55.3	55.2	55.2	55.3	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.0	55.8	55.79
9	55.4	55.0	54.2	53.8	53.3	53.1	53.0	52.8	52.6	53.0	53.0	53.1	53.4	53.4	53.6	53.5	53.3	53.2	53.1	53.0	52.8	52.6	52.7	52.8	53.32
10	52.6	52.4	52.0	51.8	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.8	51.9	52.1	52.3	52.5	52.8	53.4	53.5	53.9	53.9	53.9	54.3	54.8	52.58
11	55.2	55.8	56.2	56.6	56.7	57.0	57.6	58.1	58.7	59.3	59.5	59.9	60.2	60.3	60.5	60.7	60.8	61.0	61.1	61.4	61.5	61.6	61.6	61.6	59.29
12	61.6	61.6	61.6	61.5	61.4	61.4	61.4	61.6	61.9	61.6	61.6	61.4	61.4	61.4	61.3	61.1	61.1	60.9	60.8	60.6	60.5	60.3	60.1	59.9	59.5	61.08
13	59.2	58.8	58.4	58.0	57.6	57.4	57.3	56.9	56.9	56.8	56.8	56.7	56.7	56.6	56.5	56.8	56.0	55.6	55.4	55.2	55.0	54.8	54.4	54.2	56.56
14	53.6	53.2	53.2	53.0	53.0	53.0	53.0	53.1	53.4	53.7	53.7	53.7	53.7	53.7	53.6	53.5	53.5	53.2	53.3	53.4	53.2	53.2	53.2	53.1	53.34
15	53.1	53.0	53.0	53.1	53.0	53.0	53.1	53.1	53.4	53.6	53.8	53.9	54.1	53.8	54.0	54.0	54.0	54.0	54.2	54.4	54.5	54.5	54.7	54.7	53.75
16	54.8	54.9	55.2	55.2	55.4	55.6	55.7	55.9	56.2	56.6	56.7	56.9	57.2	57.3	57.4	57.5	57.8	57.9	58.1	58.4	58.5	58.6	58.6	58.6	56.87
17	58.6	58.7	58.8	58.6	58.5	58.6	58.7	58.7	58.9	59.0	59.2	59.3	59.4	59.3	59.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	58.8	58.93
18	58.5	58.2	58.0	57.6	57.4	57.2	57.0	56.7	56.6	56.5	56.4	56.1	55.8	55.6	55.2	54.8	54.4	54.1	54.0	53.8	53.6	53.2	53.0	52.5	55.67
19	52.1	51.6	51.4	51.0	50.9	50.9	50.9	50.8	50.8	50.8	51.0	51.0	51.6	51.1	51.1	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.2	51.2	51.15
20	51.0	**50.7**	**50.7**	**50.7**	**50.7**	50.9	51.1	51.3	51.4	51.8	51.8	52.1	52.4	52.6	52.8	53.0	53.2	53.4	53.8	54.1	54.1	54.1	54.0	54.0	52.32
21	53.7	53.4	53.3	52.8	52.9	53.3	53.1	53.1	53.0	53.0	52.8	52.7	52.5	52.2	51.8	51.8	52.0	52.2	52.5	52.6	52.5	52.3	52.8	52.8	52.73
22	52.6	52.3	52.2	52.0	52.0	52.0	52.1	52.2	52.4	52.6	52.8	53.1	53.4	53.6	53.7	53.8	54.1	54.3	54.7	55.0	55.1	55.1	55.3	55.2	53.40
23	55.3	55.2	55.2	55.2	55.2	55.4	55.6	55.6	56.0	56.1	56.2	56.3	56.4	56.5	56.5	56.5	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.16
24	56.7	56.7	56.5	56.4	56.4	56.6	56.7	56.8	57.0	57.0	57.2	57.3	57.5	57.7	57.7	57.9	58.1	58.2	58.6	59.0	59.2	59.2	59.4	59.6	57.64
25	59.5	59.5	59.5	59.6	59.8	60.3	60.7	60.9	61.2	61.4	61.6	61.8	62.0	62.1	62.3	62.4	62.5	62.7	62.9	63.3	63.4	63.5	63.5	63.4	61.66
26	63.3	63.2	63.1	63.1	63.1	63.1	63.2	63.3	63.4	63.6	63.7	63.7	63.7	63.6	63.4	63.3	63.4	63.4	63.6	**63.8**	**63.8**	63.6	63.3	63.1	63.41
27	62.7	62.5	62.3	62.2	62.0	61.9	62.0	61.8	61.8	61.8	61.8	61.7	61.7	61.6	61.5	61.3	61.1	61.0	61.0	61.0	61.0	60.9	60.6	60.5	61.57
28	60.2	59.9	59.5	59.3	59.2	59.2	59.2	59.4	59.4	59.4	59.3	59.2	59.2	59.2	59.2	59.4	59.4	59.5	59.5	59.6	59.7	59.7	59.6	59.6	59.45
29	59.4	59.2	59.2	58.7	58.6	58.9	59.0	59.2	59.2	59.2	59.1	59.0	59.0	58.8	58.8	58.9	58.7	58.8	58.8	58.9	58.9	58.8	58.8	58.8	58.95
30	58.7	58.5	58.5	58.2	58.2	58.2	58.2	58.2	58.3	58.6	58.6	58.7	59.1	59.1	59.2	59.2	59.3	59.5	60.5	60.4	60.7	60.9	60.9	61.0	59.20
M.	57.21	57.04	56.92	56.76	56.67	56.73	56.81	56.85	56.99	57.14	57.19	57.23	57.37	57.35	57.34	57.36	57.38	57.43	57.55	57.66	57.67	57.66	57.62	57.57	57.23

Mai 1918. **Stündliche Barometerstände** (500 mm +). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	61.0	61.1	61.3	61.5	61.8	62.1	62.3	62.8	63.3	63.7	63.9	64.1	64.5	64.6	64.9	65.1	65.3	65.6	65.9	66.2	66.5	66.7	66.7	66.7	64.07
2	66.5	66.4	66.2	66.1	66.1	66.2	66.3	66.5	66.5	66.8	66.8	67.0	66.9	66.9	66.8	66.8	66.8	66.7	66.7	66.8	66.9	66.8	66.6	66.0	60.59
3	66.4	66.1	66.0	65.7	65.6	65.7	65.7	65.8	65.8	65.9	65.9	66.0	65.8	65.7	65.6	65.6	65.5	65.3	65.3	65.3	65.3	65.3	65.1	64.8	65.63
4	64.6	64.4	64.4	64.2	64.2	64.4	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.7	64.6	64.5	64.4	64.4	64.3	64.3	64.3	64.2	64.0	63.9	64.44
5	63.6	63.3	63.1	62.8	62.5	62.7	62.8	62.6	62.2	62.0	62.1	62.0	61.7	61.3	61.2	61.3	61.3	61.0	60.7	60.8	60.6	60.6	60.4	60.5	61.80
6	60.6	60.6	60.8	60.7	60.8	60.8	60.7	60.7	60.6	60.4	60.3	60.6	60.6	60.4	60.2	59.8	59.4	59.0	58.7	58.2	58.0	57.6	57.2	56.8	59.73
7	56.8	56.5	56.4	56.4	56.4	56.4	56.4	56.2	56.1	56.1	56.1	56.2	56.1	56.0	55.8	55.7	55.6	55.8	56.0	56.0	56.0	56.1	56.2	56.3	56.15
8	56.2	56.0	55.9	55.8	56.0	56.1	56.2	56.4	56.6	57.1	57.6	57.7	57.9	58.0	58.2	58.3	58.3	58.5	58.9	59.0	59.4	59.5	59.6	59.6	57.62
9	59.6	59.5	59.4	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.2	59.1	58.9	58.8	58.6	58.6	58.5	58.4	58.3	58.3	58.4	58.2	58.1	58.92
10	57.9	57.9	57.7	57.7	57.7	57.9	57.9	58.0	58.0	58.2	58.4	58.6	58.8	58.9	59.1	59.2	59.3	59.4	59.6	59.9	60.0	60.1	60.2	60.2	58.78
11	60.2	60.2	60.2	60.1	60.1	60.3	60.5	60.8	60.9	61.1	61.5	61.5	61.6	61.6	61.5	61.5	61.3	61.2	61.0	61.0	61.2	61.0	60.8	60.8	60.91
12	60.6	60.1	60.0	59.9	60.0	59.9	59.9	59.9	59.8	59.8	59.7	59.4	59.5	59.6	59.5	60.0	60.0	60.0	60.0	60.2	60.6	60.6	60.6	60.6	60.01
13	60.5	60.4	60.4	60.2	60.2	60.5	60.6	60.8	60.8	60.7	60.7	60.6	60.6	60.6	60.5	60.4	60.1	60.0	60.0	60.0	59.8	59.8	59.8	59.8	60.32
14	59.6	59.4	59.4	59.2	59.1	59.1	59.2	59.2	59.3	59.4	59.4	59.6	59.5	59.7	59.6	59.7	59.9	60.2	60.4	60.6	60.8	60.9	61.0	61.0	59.80
15	61.0	60.9	60.8	60.8	61.0	61.2	61.5	61.6	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.4	62.5	62.8	63.2	63.4	63.4	63.0	62.00
16	63.0	63.0	63.0	63.2	63.3	63.5	63.7	63.8	64.1	64.2	64.4	64.5	64.7	64.7	64.7	64.8	64.9	64.9	65.2	65.4	65.4	65.5	65.5	65.4	64.37
17	65.2	65.1	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.4	65.5	65.7	65.6	65.6	65.5	65.5	65.6	65.6	65.8	65.9	66.0	65.8	65.7	65.52
18	65.7	65.8	65.8	65.8	65.9	66.0	66.0	66.3	66.4	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.7	66.8	67.0	67.2	67.2	67.3	67.3	67.4	66.58
19	67.3	67.2	67.2	67.2	67.2	67.6	67.8	68.0	68.4	68.6	68.6	68.8	69.0	69.0	68.8	68.7	68.4	68.6	68.7	68.8	69.1	69.0	69.1	69.0	68.34
20	68.9	68.8	68.7	68.7	68.8	68.8	69.2	69.4	69.4	69.6	69.7	69.7	69.8	69.7	69.7	69.3	69.3	69.3	69.4	69.7	69.7	69.8	69.7	69.5	69.36
21	69.3	69.0	69.0	68.9	69.0	69.1	69.2	69.3	69.6	69.8	69.8	69.9	69.8	69.5	69.3	69.4	69.4	69.5	69.6	69.8	69.8	70.0	69.4	69.4	69.45
22	69.4	69.4	69.4	69.4	69.4	69.6	69.8	69.8	70.0	70.3	70.4	70.4	70.4	70.4	70.2	70.2	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.00
23	70.2	70.2	70.2	70.1	70.1	70.1	70.2	70.3	70.3	70.4	70.2	70.2	70.2	70.1	70.0	69.6	69.6	69.6	69.4	69.6	69.8	69.7	69.8	69.6	69.98
24	69.2	68.6	68.4	68.0	67.9	67.8	67.5	67.3	66.9	66.6	66.4	65.9	65.5	65.0	64.8	64.2	63.7	64.0	63.8	63.6	63.8	63.6	63.0	62.6	65.73
25	62.2	62.2	62.2	62.4	62.6	62.8	63.0	63.4	63.6	63.7	63.7	63.8	64.0	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.9	64.8	64.7	64.5	63.74
26	64.2	64.0	63.8	63.6	63.6	63.6	63.8	63.8	63.9	64.0	64.0	64.0	64.0	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.1	64.0	64.0	64.0	63.91
27	63.8	63.6	63.4	63.3	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.9	63.8	63.9	64.0	64.0	64.2	64.2	64.3	64.2	64.2	64.0	63.78
28	63.8	63.5	63.4	63.4	63.6	63.6	63.8	64.0	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.0	65.0	64.8	64.7	64.5	64.40
29	64.1	64.0	63.6	63.6	63.7	63.9	64.0	64.3	64.5	64.9	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.3	64.73
30	65.2	65.1	64.9	65.1	65.1	65.3	65.4	65.7	66.0	66.2	66.4	66.6	66.8	67.0	67.0	67.0	67.0	67.2	67.4	67.4	67.6	67.7	67.8	67.8	66.45
31	67.7	67.6	67.4	67.4	67.3	67.3	67.5	67.8	68.0	68.2	68.4	68.7	68.8	68.9	68.9	68.8	68.8	68.8	68.9	68.9	69.1	69.1	69.2	69.2	68.36
M.	63.69	63.54	63.47	63.41	63.45	63.56	63.66	63.78	63.88	64.00	64.06	64.12	64.15	64.12	64.06	64.04	63.99	64.03	64.08	64.15	64.27	64.27	64.18	64.07	63.92

Juni 1918. (500 mm +). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	69.1	68.8	68.7	68.7	68.7	68.8	69.0	69.2	69.2	69.5	69.7	69.8	69.8	69.8	69.8	69.6	69.4	69.3	69.2	69.2	69.2	69.0	68.6	68.4	69.19
2	68.2	67.9	67.6	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.7	67.7	67.7	67.6	67.4	67.2	67.0	66.8	66.7	66.8	66.8	66.6	66.4	67.32
3	66.2	65.9	65.6	65.4	65.4	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.1	65.1	65.1	64.8	64.6	64.4	64.3	64.4	64.4	64.2	64.0	65.03
4	63.6	63.3	63.1	63.0	62.9	62.8	62.8	62.8	62.9	63.1	63.2	63.4	63.4	63.5	63.6	63.6	63.6	63.7	63.8	63.7	63.7	63.7	63.4	63.0	63.31
5	62.7	62.3	62.0	61.9	61.6	61.5	61.2	61.3	61.5	61.5	61.8	61.8	62.2	62.4	62.4	62.6	62.5	62.6	62.9	63.0	63.2	63.2	63.0	62.8	62.25
6	62.6	62.4	62.4	62.4	62.4	62.6	62.9	63.2	63.5	63.8	64.0	64.3	64.5	64.7	64.8	64.8	65.0	64.9	65.1	65.2	65.4	65.4	65.4	65.5	64.05
7	65.4	65.3	65.3	65.4	65.5	65.6	65.9	66.2	66.6	66.8	67.1	67.4	67.5	67.7	67.8	67.9	68.0	68.1	68.3	68.6	68.9	69.1	69.2	69.2	67.20
8	69.2	69.2	69.1	69.2	69.2	69.3	69.8	70.1	70.3	70.5	70.7	70.8	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.2	71.4	71.2	71.2	71.0	70.40
9	71.0	70.8	70.6	70.2	70.2	70.1	70.0	70.0	70.0	69.9	69.7	69.5	69.2	69.0	68.6	68.2	68.0	67.7	67.5	67.3	67.4	67.2	66.7	66.3	68.96
10	65.7	65.2	64.8	64.4	63.9	63.6	63.1	63.0	62.9	62.4	62.3	62.2	62.0	61.8	61.6	61.7	61.4	61.6	61.6	61.6	61.8	61.7	61.6	61.6	62.65
11	61.4	61.2	61.0	61.0	61.0	60.9	61.1	61.3	61.4	61.6	61.8	62.2	62.3	62.4	62.4	62.4	62.6	62.8	62.8	63.0	63.3	63.4	63.3	63.1	62.07
12	63.0	62.9	62.8	62.6	62.6	62.7	62.8	63.0	63.2	63.3	63.5	63.7	63.8	63.8	64.0	64.0	64.0	64.2	64.5	64.6	65.0	65.3	65.3	65.3	64.75
13	65.4	65.4	65.5	65.6	65.7	65.9	66.1	66.5	66.9	67.2	67.4	67.6	67.8	68.1	68.3	68.5	68.4	68.3	68.5	68.7	68.9	68.9	68.8	68.7	67.38
14	68.6	68.3	68.2	68.3	68.3	68.3	68.3	68.5	68.5	68.6	68.6	68.6	68.3	68.2	68.0	67.8	67.4	67.3	67.0	66.7	66.7	66.5	66.3	66.1	67.81
15	65.7	65.2	64.8	64.2	63.8	63.6	63.4	63.5	63.2	62.8	62.6	62.4	62.3	62.0	60.8	60.9	60.9	60.8	60.8	60.6	60.8	60.8	60.6	60.5	62.37
16	60.1	59.8	59.4	59.2	58.8	58.6	58.4	58.8	59.0	59.0	59.2	59.1	59.1	59.2	59.2	59.0	59.0	58.8	58.6	58.7	58.8	58.8	58.7	58.5	58.99
17	58.2	57.9	57.7	57.5	57.4	57.2	57.0	57.0	56.8	56.8	57.3	57.4	57.8	57.8	58.0	58.1	58.1	58.2	58.4	58.8	58.9	59.2	58.8	59.0	57.89
18	59.4	59.4	59.3	59.6	59.8	60.1	60.4	60.6	61.0	61.2	61.5	61.7	62.1	62.3	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.5	62.3	62.0	61.37
19	61.8	61.6	61.4	61.4	61.4	61.5	61.5	61.7	61.7	62.1	62.3	62.4	62.5	62.5	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.4	62.4	62.2	62.07
20	62.0	61.6	61.5	61.2	61.2	61.2	61.3	61.4	61.6	61.6	61.7	61.8	61.9	62.0	62.0	62.3	62.4	62.8	63.0	63.4	63.6	63.7	63.8	63.6	62.19
21	63.6	63.1	62.8	62.6	62.4	62.0	61.8	61.8	61.9	62.0	62.2	62.2	62.3	62.4	62.7	63.2	63.4	63.7	64.2	64.4	64.5	64.7	64.4	64.2	63.02
22	63.8	63.4	63.2	63.3	63.1	63.1	63.0	63.1	63.2	63.2	63.2	63.2	63.7	63.8	63.7	63.8	63.8	63.7	63.7	63.5	63.3	63.2	63.2	63.0	63.38
23	63.2	62.6	62.6	62.5	62.2	61.7	62.2	61.7	61.7	61.6	61.8	61.8	62.0	62.0	62.0	62.4	62.7	63.0	63.6	63.5	63.7	63.9	63.7	63.5	62.57
24	63.3	63.3	63.4	63.4	63.2	63.2	63.3	63.5	63.5	63.6	63.6	63.5	63.5	63.4	63.1	62.7	62.7	62.3	62.2	62.1	62.2	62.1	61.8	61.8	62.95
25	61.6	61.4	61.4	61.4	61.4	61.6	62.2	62.4	62.6	62.8	63.1	63.2	63.4	63.4	63.6	63.6	63.7	63.6	63.6	63.6	63.7	63.7	63.7	63.7	62.85
26	63.6	63.4	63.2	63.1	63.0	62.9	63.0	63.1	63.1	63.2	63.2	63.3	63.5	63.5	63.7	63.7	63.9	63.8	63.9	63.6	63.9	63.8	63.5	63.2	63.42
27	63.4	63.1	62.8	62.6	62.2	62.1	61.8	61.6	61.7	61.6	61.8	62.0	62.1	62.6	62.9	62.9	63.0	63.2	63.8	64.0	64.2	64.4	64.4	64.4	62.86
28	64.4	64.4	64.2	64.1	64.1	64.2	64.3	64.7	64.9	65.2	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.8	65.8	65.9	66.0	66.0	66.0	65.9	65.18
29	65.8	65.7	65.6	65.6	65.4	65.5	65.6	66.0	66.0	66.1	66.1	66.0	65.9	66.0	66.3	66.2	66.1	66.2	66.1	66.1	66.1	66.0	66.0	65.9	65.93
30	65.7	65.5	65.3	65.2	65.0	65.0	64.9	64.9	64.9	64.5	64.4	64.4	64.3	64.2	64.1	64.0	63.9	63.8	63.7	63.7	63.4	63.4	63.3	63.2	64.36
M.	64.26	64.01	63.84	63.75	63.64	63.61	63.66	63.78	63.88	63.94	64.06	64.13	64.21	64.25	64.25	64.26	64.25	64.26	64.33	64.36	64.48	64.48	64.34	64.20	64.09

Juli 1918. **Stündliche Barometerstände (500 $\frac{mm}{+}$).** Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	63.2	63.0	62.8	62.7	62.5	**62.4**	**62.4**	62.6	62.7	62.7	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.2	63.3	63.6	63.6	63.6	63.6	63.06
2	63.5	63.5	63.5	63.5	63.5	63.7	64.0	64.3	64.6	64.7	64.8	65.1	65.3	65.4	65.7	65.9	66.1	66.1	66.2	66.4	66.5	66.6	66.5	66.4	65.08
3	66.4	66.1	65.9	65.7	65.6	65.6	65.7	65.8	65.9	65.9	65.8	65.7	65.7	65.8	66.0	66.0	65.8	66.0	66.0	66.1	66.2	66.4	66.3	66.2	65.94
4	66.2	66.2	66.1	66.2	66.4	66.4	66.5	66.6	66.7	66.9	67.0	67.0	67.0	67.0	67.0	66.9	67.0	67.0	67.0	67.2	67.4	67.4	67.2	67.0	66.80
5	66.9	66.8	66.6	66.6	66.6	66.6	66.8	66.9	67.0	67.1	67.2	67.2	67.2	67.1	67.2	67.2	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.0	66.99
6	66.8	66.5	66.3	66.1	66.2	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.4	66.4	66.2	66.4	66.6	66.7	66.7	66.8	66.9	67.1	67.0	66.8	66.57
7	66.8	66.7	66.6	66.6	66.9	67.0	67.0	67.2	67.3	67.4	67.7	67.8	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.1	68.0	67.8	67.59
8	67.7	67.5	67.3	67.2	67.1	67.0	66.9	66.8	67.0	67.0	67.3	67.2	67.1	67.0	67.0	66.8	66.6	66.4	66.3	66.3	66.3	66.3	66.2	66.0	66.85
9	65.7	65.4	65.2	65.2	65.2	65.1	65.2	65.2	65.2	65.1	65.1	65.0	64.8	64.8	64.6	64.2	64.2	64.4	64.3	64.5	64.6	64.4	64.4	64.3	64.84
10	64.2	63.8	63.5	63.4	63.5	63.5	63.6	63.9	64.2	64.6	64.7	64.8	64.8	65.0	65.0	65.0	64.8	64.8	64.8	64.7	64.7	64.8	65.1	64.6	64.41
11	64.8	65.0	65.0	65.3	65.2	65.2	65.2	65.3	65.3	65.4	65.6	65.6	65.7	65.7	65.8	65.7	65.7	65.6	65.6	65.7	66.0	65.9	65.9	66.0	65.51
12	65.8	65.7	65.5	65.4	65.4	65.3	65.3	65.3	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.4	65.4	65.3	65.4	65.5	65.8	65.9	66.0	66.0	65.49
13	66.0	66.0	66.1	66.0	66.0	66.2	66.3	66.3	66.4	66.5	66.5	66.8	66.8	66.9	67.0	66.8	66.9	66.9	66.8	66.9	67.1	67.1	67.2	67.0	66.60
14	67.0	66.8	66.6	66.6	66.8	66.9	66.9	67.0	67.2	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.1	68.2	68.2	67.44
15	68.1	68.0	68.1	68.2	68.3	68.4	68.7	68.9	69.3	69.6	69.7	69.8	69.9	69.9	70.1	70.2	70.1	70.1	70.1	70.1	70.2	70.3	70.2	70.1	69.43
16	69.8	69.7	69.6	69.6	69.5	69.5	69.6	69.7	69.7	69.8	69.8	69.9	69.9	70.1	70.1	70.1	70.2	70.3	70.3	70.4	70.5	70.6	70.6	70.7	70.00
17	70.5	70.4	70.3	70.3	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	70.8	70.7	70.4	70.3	70.2	70.0	70.0	69.8	69.7	69.5	70.47
18	69.4	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.6	69.4	69.4	69.3	69.5	69.6	69.6	69.9	70.0	70.2	70.4	70.4	70.6	70.7	70.8	69.70
19	70.6	70.6	70.6	70.6	70.8	70.7	70.8	70.8	70.9	71.0	71.1	71.1	**71.2**	**71.2**	**71.2**	**71.2**	71.1	71.0	71.0	**71.2**	**71.2**	**71.2**	71.0	70.8	70.95
20	70.6	70.1	69.8	69.6	69.6	69.6	69.6	69.3	69.4	69.2	69.2	69.0	69.0	69.0	68.6	68.3	67.9	67.7	67.6	67.5	67.3	67.2	66.9	66.8	68.70
21	66.6	66.2	66.2	66.3	66.3	66.4	66.6	66.6	66.6	67.0	67.2	67.2	67.6	67.4	67.2	67.2	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.0	66.88
22	66.6	66.3	66.2	66.2	66.1	65.8	65.8	65.8	65.8	65.9	65.8	65.8	65.8	65.7	65.4	65.1	64.9	64.9	65.0	65.0	65.0	65.1	65.1	64.8	65.58
23	64.6	64.4	64.2	64.3	64.0	64.0	64.1	64.0	64.0	63.9	63.9	63.8	63.9	63.4	63.2	62.9	62.8	62.8	62.9	63.0	63.4	63.2	63.8	64.0	63.69
24	64.0	64.0	64.0	64.0	64.2	64.3	64.5	64.6	65.0	65.3	65.4	65.8	66.1	66.2	66.4	66.4	66.4	66.6	66.6	66.8	67.0	67.0	66.8	66.8	65.59
25	66.5	66.4	66.3	66.4	66.4	66.4	66.6	66.7	66.7	66.9	67.0	66.9	67.0	67.0	67.0	66.9	66.9	66.8	66.8	67.1	67.0	67.0	66.6	66.4	66.74
26	66.3	65.9	65.5	65.4	65.1	65.0	65.1	64.8	64.8	64.6	64.7	64.6	64.4	64.5	64.4	64.3	64.1	64.0	64.0	64.1	64.2	63.9	63.6	63.2	64.60
27	62.7	62.3	61.6	61.5	61.6	61.4	61.3	60.8	60.6	60.7	61.1	61.0	61.2	61.0	60.8	60.9	60.7	60.7	60.8	61.1	61.3	61.2	60.9	60.9	61.17
28	60.8	60.6	60.4	60.5	60.5	60.4	60.8	61.6	61.8	62.2	62.9	63.2	63.2	63.9	64.3	64.5	65.0	65.2	65.5	65.8	66.2	66.4	66.4	66.4	63.27
29	66.2	66.3	66.1	66.2	66.2	66.2	66.3	66.4	66.4	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.7	66.6	66.7	66.8	66.6	66.4	66.51
30	66.2	66.0	65.9	65.9	65.7	65.7	65.7	65.8	65.8	65.8	65.9	66.1	66.1	66.0	66.0	66.0	65.9	65.8	65.8	66.0	66.1	66.1	65.9	65.7	65.91
31	65.4	65.2	65.0	65.0	65.0	65.0	65.0	65.1	65.2	65.4	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.1	66.0	66.0	66.0	66.1	65.9	65.8	65.65
M.	66.32	66.15	66.00	65.99	65.99	65.99	66.10	66.16	66.24	66.35	66.46	66.51	66.55	66.59	66.59	66.54	66.51	66.50	66.51	66.60	66.71	66.73	66.67	66.55	66.39

August 1918. (500 $\frac{mm}{+}$). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	65.7	65.5	65.4	65.3	65.2	65.2	65.1	65.4	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.1	66.0	65.8	65.7	65.8	65.8	65.7	65.6	65.5	65.69
2	65.3	65.0	64.8	64.7	64.6	64.4	64.4	64.4	64.5	64.9	64.9	64.9	64.7	64.6	64.5	64.4	64.2	64.0	64.0	64.1	64.0	64.1	64.2	63.9	64.48
3	63.6	63.2	63.1	62.9	62.7	62.6	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.0	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.00
4	63.1	63.0	62.8	62.7	62.4	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	63.0	63.3	63.5	63.8	64.0	64.0	64.1	64.1	63.04
5	64.0	64.0	64.0	64.0	64.0	64.1	64.3	64.4	64.6	64.7	64.8	64.8	64.6	64.6	64.6	64.4	64.6	64.4	64.4	64.6	64.4	64.2	64.2	64.0	64.36
6	63.9	63.4	63.2	63.1	63.2	63.2	63.3	63.2	63.2	63.0	62.9	62.8	62.8	62.7	62.4	62.1	61.6	61.4	61.4	61.3	61.3	60.7	60.8	60.7	62.41
7	60.4	60.4	60.2	60.5	60.6	60.6	61.1	61.3	61.6	62.0	62.4	62.8	63.1	63.4	63.7	64.2	64.4	64.6	65.0	65.4	65.7	66.1	66.2	66.1	62.99
8	66.1	66.0	66.0	66.1	66.2	66.4	66.7	66.8	67.0	67.2	67.4	67.6	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.6	68.7	68.7	68.7	68.6	67.52
9	68.3	68.1	67.8	67.7	67.6	67.6	67.5	67.4	67.2	67.1	67.0	66.8	66.7	66.4	66.2	66.0	66.3	66.4	66.9	67.1	67.2	67.2	66.8	66.6	67.08
10	66.3	66.2	66.0	66.0	66.1	66.3	66.5	66.6	66.8	66.9	67.0	67.0	67.2	67.3	67.5	67.6	67.8	68.0	68.1	68.3	68.5	68.6	68.4	68.3	67.19
11	68.1	67.9	67.8	67.8	67.8	67.7	67.7	68.0	68.2	68.4	68.6	68.6	68.7	68.6	68.7	68.7	68.7	68.7	68.7	69.0	69.1	69.2	69.2	69.1	68.46
12	69.1	69.0	68.7	68.6	68.6	68.6	68.7	69.0	69.2	69.6	69.8	69.9	69.9	69.9	69.8	69.8	69.7	69.6	69.5	69.6	69.7	69.6	69.7	69.7	69.39
13	69.4	69.1	68.9	68.7	68.7	68.8	68.7	68.6	68.6	68.8	68.9	68.8	68.6	68.7	68.8	68.8	69.0	68.8	68.8	69.1	69.2	69.2	69.2	69.1	68.89
14	68.[illegible]	68.6	68.2	68.1	68.1	68.1	68.1	68.2	68.5	68.6	68.7	68.7	68.7	68.8	68.7	68.6	68.6	68.5	68.5	68.5	68.4	68.4	68.4	68.3	68.46
15	68.1	67.9	67.8	67.8	67.8	67.9	67.7	67.9	68.3	68.5	68.3	68.7	68.8	69.0	69.1	69.2	69.2	69.2	69.3	69.4	69.6	69.6	69.5	69.5	68.67
16	69.2	69.0	68.8	68.7	68.7	68.8	69.2	69.4	69.6	69.7	69.9	70.0	70.0	69.9	69.7	69.6	69.3	69.4	69.6	69.8	69.7	69.6	69.3	69.2	69.42
17	69.2	69.0	68.8	68.8	68.7	68.8	68.9	68.9	68.8	68.7	68.8	68.7	68.7	68.9	68.8	68.9	68.9	69.0	69.1	69.4	69.1	69.2	69.0	68.8	68.91
18	68.8	68.4	68.2	68.1	68.0	68.2	68.2	68.3	68.2	68.4	68.6	68.6	68.5	68.6	68.5	68.8	68.6	68.6	68.6	68.8	68.7	68.6	68.4	68.2	68.45
19	68.0	67.9	67.6	66.8	67.0	67.4	67.5	67.5	67.4	67.3	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.2	68.3	68.7	68.6	68.6	68.7	68.6	67.89
20	68.7	68.6	68.4	68.4	68.4	68.6	69.1	69.6	70.0	70.5	70.7	70.9	71.1	71.1	71.2	71.5	71.6	71.7	72.0	72.4	72.6	72.8	72.8	72.9	70.65
21	72.9	72.9	72.9	72.9	73.1	73.3	73.6	73.9	74.2	74.4	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.0	**75.2**	**75.2**	**75.2**	75.1	75.0	74.37
22	75.0	74.9	74.8	74.7	74.7	74.7	74.8	74.9	75.0	75.0	75.0	74.9	74.7	74.5	74.2	74.0	73.9	73.7	73.4	73.4	73.4	73.4	73.3	73.2	74.31
23	73.2	72.9	72.7	72.5	72.3	72.3	72.1	71.9	71.8	71.8	71.8	71.7	71.7	71.4	71.2	71.0	70.6	70.5	70.2	70.5	70.3	70.4	70.1	69.6	71.44
24	69.2	68.9	68.7	68.6	68.6	68.7	68.7	68.8	68.7	68.7	68.6	68.2	68.2	68.0	67.7	67.5	67.2	67.0	67.0	67.0	67.0	67.0	67.0	66.8	67.99
25	66.1	66.1	66.2	66.2	66.2	66.2	66.0	66.2	66.4	66.5	66.6	66.6	66.5	66.4	66.4	66.3	66.1	65.8	65.8	66.0	66.0	66.0	65.9	65.8	66.18
26	65.4	65.2	65.1	65.1	65.1	64.7	65.0	65.1	65.1	64.8	65.1	65.1	65.0	65.0	65.0	65.0	64.8	64.9	64.9	65.0	65.1	65.0	64.9	64.9	65.01
27	64.6	64.6	64.4	64.4	64.4	64.5	64.6	64.8	64.9	65.0	65.1	65.2	65.4	65.6	65.6	65.9	66.0	65.9	65.9	65.9	65.9	65.8	65.6	65.5	65.23
28	65.2	65.0	64.9	64.9	64.9	65.0	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.4	65.3	65.0	64.8	65.0	65.4	65.4	65.3	65.2	65.1	65.0	65.19
29	64.8	64.8	64.6	64.6	64.6	64.6	64.5	64.6	65.0	65.0	65.1	65.1	65.2	65.0	64.9	65.0	64.6	64.6	64.8	64.8	64.8	64.7	64.2	63.8	64.74
30	63.3	62.8	62.6	**62.3**	62.4	62.6	63.0	63.2	63.7	64.2	64.4	64.8	65.0	65.0	65.0	65.2	65.5	65.5	65.6	65.8	65.8	65.6	65.4	65.3	64.33
31	65.0	64.7	64.4	64.3	64.3	64.3	64.3	64.2	64.2	64.2	64.2	64.2	64.3	64.0	63.8	63.8	63.8	63.8	63.6	63.6	63.5	63.5	63.5	63.5	64.04
M.	67.06	66.87	66.70	66.62	66.61	66.67	66.77	66.88	67.02	67.12	67.22	67.27	67.29	67.28	67.24	67.25	67.20	67.18	67.24	67.40	67.41	67.39	67.30	67.18	67.09

September 1918 — **Stündliche Barometerstände** (500 mm +). — Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	62.8	62.4	62.1	61.8	61.7	61.4	61.6	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.2	62.2	62.3	62.4	62.4	62.4	62.3	62.05
2	62.3	62.1	61.9	61.8	61.7	61.6	61.4	61.6	61.7	61.9	62.2	62.2	62.3	62.4	62.6	62.7	62.8	62.8	63.0	63.3	63.4	63.5	63.8	63.8	62.45
3	63.9	63.8	63.6	63.5	63.9	64.2	64.2	64.4	64.6	65.1	65.0	65.1	65.2	65.2	65.2	65.4	65.6	65.6	65.9	66.8	66.8	66.3	66.3	66.4	65.04
4	66.2	66.0	65.9	65.7	65.6	66.0	66.3	66.4	66.8	67.0	67.1	67.2	67.2	67.0	67.0	67.1	67.1	67.2	67.3	67.3	67.6	67.6	67.6	67.5	66.82
5	67.4	67.3	67.0	66.7	66.7	66.8	66.9	67.0	67.3	67.4	67.4	67.4	67.5	67.4	67.4	67.4	67.1	67.0	67.2	67.2	67.3	67.2	67.2	67.0	67.18
6	66.8	66.4	66.2	66.0	65.8	65.8	65.7	65.9	66.1	65.9	65.8	65.7	66.5	66.8	67.0	67.0	67.0	67.0	67.4	67.8	67.9	67.8	67.8	67.6	66.65
7	67.4	67.4	67.4	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.4	67.5	67.5	67.4	67.4	67.2	66.8	66.6	66.2	65.9	65.9	65.6	65.5	67.02
8	65.1	64.8	64.4	64.4	64.2	63.7	63.6	63.4	63.4	63.4	62.7	62.4	62.6	62.6	62.6	62.7	62.4	61.9	62.4	62.6	62.9	62.9	62.9	62.7	63.20
9	62.3	62.3	62.0	61.8	61.4	61.0	60.9	60.8	61.2	61.6	62.0	62.2	62.2	62.0	62.2	62.5	62.8	63.0	63.0	63.2	63.4	63.2	63.0	62.8	62.20
10	62.8	62.6	62.8	62.8	62.1	62.2	63.0	63.0	62.8	62.8	62.9	62.8	62.7	62.7	62.7	62.6	62.5	62.1	62.1	62.0	62.0	61.9	61.1	61.0	62.40
11	61.0	59.7	60.2	60.0	59.8	59.4	59.5	59.8	59.8	59.8	59.7	60.0	59.9	60.2	60.3	60.8	60.6	60.7	60.6	60.7	60.4	59.9	60.2	59.9	60.12
12	59.4	59.2	59.3	58.9	59.5	58.8	59.1	59.0	59.2	59.5	59.7	60.0	59.9	59.4	59.5	59.0	58.8	58.8	59.2	60.4	60.9	60.7	61.0	61.0	59.59
13	61.1	61.1	61.2	61.2	61.0	61.5	61.8	62.2	62.9	63.2	63.4	63.6	64.0	64.0	64.2	64.6	64.7	65.0	65.4	65.6	66.0	66.1	66.2	66.1	63.59
14	66.2	66.2	66.1	66.2	66.1	66.4	66.5	66.7	67.0	67.2	67.6	67.6	67.6	67.6	67.7	67.8	67.7	67.8	68.2	68.5	68.5	68.5	68.5	68.5	67.36
15	68.3	68.2	68.2	68.1	68.2	68.3	68.7	69.0	69.4	69.6	69.6	69.5	69.5	69.5	69.4	69.1	69.1	69.0	69.0	69.1	69.0	68.9	68.7	68.6	68.92
16	68.5	68.3	68.3	68.2	68.2	68.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.5	68.5	68.5	68.5	68.6	68.8	68.7	68.6	68.6	68.5	68.50
17	68.4	68.2	68.2	68.2	68.2	68.2	68.4	68.6	68.8	69.2	69.2	69.2	69.3	69.6	69.6	69.5	69.6	69.6	69.7	69.8	69.7	69.9	**70.0**	69.9	69.12
18	69.6	69.3	69.2	68.8	68.7	68.7	68.7	68.8	69.0	69.3	69.2	69.2	69.1	69.0	69.0	68.8	69.0	69.0	69.0	69.3	69.6	69.6	69.5	69.4	69.12
19	69.0	68.8	69.0	68.6	68.5	68.8	68.9	69.0	69.2	69.2	69.4	69.4	69.1	68.9	68.9	68.8	69.0	69.2	69.1	69.4	69.3	69.2	69.0	68.5	69.00
20	68.1	67.8	67.4	66.6	66.1	65.6	66.1	66.2	66.5	67.2	67.2	67.2	66.8	67.2	67.2	67.4	67.3	67.3	67.4	67.4	67.3	67.0	66.8	66.4	66.98
21	66.2	65.8	65.6	65.4	65.2	65.2	65.2	65.2	65.7	65.9	65.9	66.0	65.8	65.8	66.0	66.0	66.2	66.2	66.4	66.5	66.5	66.5	66.2	66.2	65.90
22	65.9	65.7	65.5	65.2	65.0	64.9	64.9	64.7	64.7	64.7	64.5	64.3	63.9	63.2	62.5	62.6	61.6	61.3	61.1	61.2	60.7	60.4	60.0	59.6	63.25
23	59.0	58.0	57.6	57.6	57.2	56.8	56.4	56.8	56.9	56.2	55.8	55.7	55.5	55.2	55.1	55.1	55.2	**55.0**	55.2	55.6	55.8	55.9	55.9	55.8	56.22
24	55.7	55.5	55.5	55.6	55.7	55.8	56.4	57.0	57.6	58.0	58.9	59.4	59.6	59.8	60.3	60.9	61.2	61.8	62.5	62.8	63.0	63.2	63.6	63.7	59.81
25	63.6	63.7	63.6	64.0	64.2	64.5	64.6	64.7	65.0	65.5	65.6	65.9	66.7	67.2	67.7	67.9	68.2	68.4	68.8	69.2	69.3	69.3	69.3	69.2	66.50
26	69.0	69.0	68.9	68.8	69.0	69.1	69.4	69.5	69.8	69.9	**70.0**	69.9	69.8	69.5	69.3	69.2	69.0	69.0	69.0	69.0	68.9	68.7	68.4	68.1	69.17
27	67.7	67.4	67.0	66.8	66.6	66.2	66.2	66.2	66.2	65.9	65.8	65.4	65.2	64.9	64.5	64.3	64.6	64.6	64.8	64.8	64.6	64.6	64.3	64.0	65.53
28	63.7	63.2	63.0	63.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.4	62.3	62.4	62.2	62.2	62.2	62.4	62.8	63.0	63.0	62.9	62.8	62.6	62.71
29	62.6	62.6	62.4	62.2	62.2	62.4	62.5	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.0	63.0	63.0	62.8	63.0	63.2	63.0	62.6	62.1	61.8	62.73
30	61.6	61.6	61.3	61.3	61.1	60.9	60.9	60.6	60.4	60.3	60.2	60.2	59.8	59.2	59.2	58.8	58.9	59.2	59.7	60.2	60.5	60.6	60.6	60.6	60.32
M.	64.72	64.48	64.36	64.20	64.12	64.09	64.21	64.31	64.51	64.65	64.68	64.70	64.70	64.67	64.67	64.71	64.70	64.71	64.89	65.09	65.13	65.06	64.98	64.83	64.63

Oktober 1918. — (500 mm +). — Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	60.7	60.6	60.5	60.4	60.4	60.6	60.5	60.7	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.4	61.8	61.9	62.1	62.2	62.1	62.2	62.2	62.4	61.27
2	62.4	62.2	62.2	62.2	62.3	62.6	62.8	63.1	63.3	63.7	64.0	64.3	64.5	64.7	64.8	64.8	64.9	65.1	65.4	65.4	65.6	65.8	65.6	65.6	64.05
3	65.5	65.3	65.2	65.2	65.2	65.3	65.4	65.5	65.4	65.3	65.2	65.1	65.0	64.8	64.4	64.2	64.0	63.8	63.8	63.5	63.2	62.8	62.4	62.1	64.48
4	61.7	61.4	61.2	61.0	60.8	60.8	60.6	60.5	60.6	60.6	60.6	60.6	60.5	60.4	60.4	60.4	60.8	61.0	61.4	61.8	61.9	62.0	62.0	62.1	61.05
5	62.2	62.2	62.4	62.5	62.8	63.1	63.5	63.9	64.4	64.8	65.1	65.5	65.6	65.6	65.6	65.7	66.0	66.4	66.7	67.0	67.1	67.0	67.2	67.4	64.29
6	67.6	67.6	67.4	67.3	67.4	67.5	67.7	68.0	68.2	68.3	68.5	68.6	68.5	68.5	68.5	68.5	68.6	68.9	69.1	69.3	69.3	**69.4**	69.3	**69.4**	68.39
7	69.3	69.1	68.9	68.7	68.5	68.5	68.5	68.6	68.7	68.7	68.6	68.5	68.2	67.9	67.6	67.4	67.1	67.1	67.0	66.8	66.6	66.3	65.9	65.5	67.83
8	65.1	64.5	64.1	63.7	63.3	63.2	62.9	62.4	62.0	61.7	61.6	61.0	61.0	61.0	60.8	60.7	60.6	60.6	60.8	60.8	60.7	60.8	60.6	60.4	61.85
9	60.3	60.3	60.2	60.2	60.4	60.8	61.1	61.6	62.0	62.1	62.4	62.6	62.6	62.9	63.1	63.2	63.3	63.6	64.0	64.2	64.4	64.4	64.8	65.0	62.48
10	65.3	65.3	65.6	65.6	66.0	66.2	66.7	67.1	67.4	67.6	67.7	67.6	67.4	67.2	67.0	66.8	66.5	66.6	66.3	66.1	65.8	65.2	65.5	65.4	66.44
11	65.3	65.0	64.6	64.2	64.1	64.2	64.2	64.1	64.0	63.8	63.7	63.4	63.1	62.9	62.6	62.6	62.6	62.4	62.3	62.2	62.1	61.9	61.8	61.6	63.28
12	61.4	61.0	60.9	60.9	60.8	60.9	60.9	60.9	60.8	60.8	60.8	60.6	60.4	60.2	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.53
13	60.0	60.0	59.8	59.8	59.8	59.8	60.0	60.2	60.2	60.2	60.4	60.6	60.6	60.6	60.8	60.9	61.0	61.2	61.3	61.2	61.3	61.3	61.2	61.1	60.55
14	61.0	60.8	60.8	60.8	60.6	60.6	60.7	60.8	60.8	60.5	60.4	60.2	59.9	59.6	59.4	59.2	59.2	59.2	59.2	59.1	59.1	58.8	58.6	58.4	59.90
15	58.2	57.9	57.5	57.4	57.2	56.9	56.8	56.6	56.2	55.8	55.6	55.0	54.8	55.1	54.7	54.8	54.8	54.8	54.9	54.8	54.7	54.7	54.7	54.7	55.77
16	54.6	54.5	54.4	**54.3**	**54.3**	**54.3**	**54.3**	54.4	54.4	54.5	54.6	54.8	54.8	54.9	55.0	54.9	55.1	55.5	55.5	55.5	55.6	55.6	55.6	55.5	54.87
17	55.4	55.2	55.0	54.8	54.8	54.8	54.8	54.9	55.0	55.0	55.0	55.0	55.1	55.2	55.4	55.4	55.6	55.8	55.8	56.0	56.1	56.1	56.0	56.0	55.34
18	56.0	56.0	56.0	56.0	56.2	56.3	56.5	56.6	56.8	57.0	56.9	56.8	56.9	57.0	57.1	57.2	57.1	57.3	57.1	57.2	57.1	57.0	57.0	57.0	56.75
19	57.0	56.7	56.6	56.6	56.5	56.6	56.8	57.0	67.0	57.1	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.3	58.4	58.4	58.5	58.6	58.8	59.0	57.58
20	59.3	59.5	59.6	59.6	59.7	59.8	60.0	60.5	60.8	60.7	61.1	61.3	61.5	61.6	61.9	62.0	62.2	62.6	62.7	62.8	62.8	63.0	63.0	63.2	61.30
21	63.4	63.2	63.2	63.2	63.2	63.4	63.8	64.1	64.3	64.8	65.0	65.2	65.5	65.8	66.2	66.4	66.4	66.6	66.7	66.8	67.2	67.4	67.6	67.5	65.29
22	67.6	67.5	67.4	67.2	67.1	66.8	66.7	66.7	66.7	66.6	66.8	67.0	66.8	66.8	66.8	67.0	67.1	67.2	67.1	67.2	67.1	67.2	67.0	67.3	67.03
23	67.3	67.0	66.9	67.0	66.9	66.9	67.0	67.1	67.1	66.8	66.5	66.0	65.8	65.7	65.4	64.9	64.7	64.7	64.5	64.2	64.1	64.1	63.8	63.8	65.76
24	63.5	63.1	62.9	62.8	62.6	62.4	62.3	62.4	62.3	62.2	62.2	62.0	61.7	61.6	61.4	61.3	61.2	61.2	61.1	61.0	60.8	60.6	60.3	60.1	61.79
25	59.8	59.4	59.3	59.2	59.0	58.9	58.9	58.8	58.7	58.6	58.6	58.5	58.2	58.3	58.2	58.0	58.0	58.1	58.1	58.0	57.9	57.9	57.7	57.7	58.49
26	57.6	57.5	57.4	57.3	57.2	57.2	57.3	57.6	57.6	57.8	57.8	57.8	57.6	57.7	57.7	57.8	58.0	58.4	58.6	58.8	59.0	59.0	59.1	59.2	57.96
27	59.4	59.3	59.3	59.4	59.5	59.7	60.0	60.1	60.1	60.6	60.8	61.0	61.1	61.4	61.7	61.9	62.1	65.5	62.7	63.0	63.3	63.6	63.7	63.8	61.37
28	63.8	64.0	64.1	64.2	64.3	64.5	64.8	65.1	65.4	65.7	65.8	66.0	66.0	66.0	66.1	66.2	66.3	66.6	66.7	66.8	66.8	66.7	66.7	66.7	65.64
29	66.6	66.6	66.6	66.8	67.0	67.0	67.1	67.2	67.3	67.4	67.3	67.2	67.1	67.0	66.9	66.9	66.9	67.1	67.1	67.2	67.3	67.2	67.1	67.0	67.04
30	66.8	66.8	66.7	66.5	66.4	66.2	66.2	66.2	66.2	66.1	65.8	65.6	65.3	65.0	64.8	64.6	64.4	64.4	64.2	64.0	63.9	63.8	63.6	63.4	65.29
31	63.0	62.7	62.4	62.3	62.1	61.8	61.9	61.8	61.8	61.8	61.8	61.5	61.4	61.3	61.2	61.0	61.0	61.2	61.0	61.0	60.9	60.8	60.7	60.4	61.53
M.	62.17	62.01	61.91	61.84	61.82	61.86	61.96	62.08	62.14	62.18	62.23	62.19	62.12	62.12	62.08	62.06	62.11	62.36	62.31	62.34	62.34	62.32	62.25	62.23	62.13

November 1918. **Stündliche Barometerstände** (500 mm +). Säntis.

Tag	1³⁰	2²⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12²⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22²⁰	23³⁰	0³⁰	Tagesmittel
1	60.3	60.1	59.8	59.8	59.7	59.6	59.6	59.8	59.8	59.8	59.8	59.7	59.5	59.5	59.4	59.2	59.2	59.4	59.2	59.2	59.3	59.2	59.0	59.0	59.54
2	58.8	58.7	58.7	58.7	58.5	58.5	58.7	58.8	58.8	59.1	59.2	59.1	59.0	58.9	58.8	58.6	58.6	58.4	58.4	58.3	58.3	58.4	58.4	58.3	58.67
3	58.2	57.8	57.8	57.8	57.8	58.0	58.1	58.4	58.6	58.6	58.5	58.3	58.3	58.5	58.7	58.8	59.0	59.4	59.6	59.9	60.2	60.2	60.2	60.2	58.79
4	60.2	60.3	60.4	60.6	60.7	60.8	61.0	61.5	61.8	62.1	62.2	62.3	62.3	62.2	62.6	62.8	63.2	63.6	63.8	64.2	64.4	64.6	64.8	64.8	62.38
5	64.9	65.1	65.1	65.2	65.4	65.6	66.0	66.4	66.8	67.1	67.2	67.5	67.9	67.8	67.8	67.7	67.8	67.8	67.9	67.9	68.1	68.3	68.2	68.2	66.93
6	68.2	68.3	68.3	68.1	68.0	67.7	67.7	67.4	67.4	67.2	67.0	66.6	66.2	66.4	66.3	66.4	66.1	66.2	66.2	66.2	65.9	65.6	65.8	65.8	66.88
7	65.8	65.8	65.7	65.6	65.7	65.7	65.7	65.4	65.4	65.3	65.2	65.2	65.0	65.2	65.2	65.4	65.6	66.0	66.2	66.2	66.1	66.1	66.1	66.1	65.93
8	66.1	66.1	66.1	65.8	65.7	65.6	65.7	65.8	65.9	65.9	65.7	65.7	65.5	65.6	65.8	66.0	66.2	66.5	66.8	66.9	66.9	66.9	67.1	67.2	66.15
9	67.8	67.4	67.6	67.6	67.8	67.8	67.9	68.5	68.7	69.0	69.0	69.1	69.1	69.1	69.3	69.4	69.8	70.1	70.2	70.3	70.6	70.7	70.9	71.1	69.10
10	70.9	71.0	70.9	71.1	71.1	71.1	71.2	71.4	71.3	71.3	71.4	71.4	71.0	71.0	71.1	71.1	71.1	70.9	71.1	71.0	70.9	70.8	70.7	70.5	71.05
11	70.2	70.0	69.8	69.5	69.4	69.3	69.2	69.2	69.1	69.0	68.8	68.6	68.3	68.1	68.0	67.9	67.6	67.7	67.7	67.7	67.6	67.3	67.2	67.0	68.51
12	66.7	66.4	66.4	66.3	66.1	66.1	66.3	66.3	66.2	66.3	66.2	66.0	65.8	65.7	65.7	65.5	65.4	65.4	65.4	65.4	65.1	65.0	65.2	65.0	65.83
13	64.6	64.4	64.3	64.3	64.2	64.2	64.3	64.4	64.6	65.0	65.0	64.8	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.5	64.4	64.3	64.2	64.51
14	64.0	63.9	63.8	63.7	63.6	63.6	63.5	63.5	63.4	63.4	63.3	63.1	62.9	62.9	62.8	62.7	62.6	62.6	62.5	62.4	62.4	62.4	62.2	62.1	63.05
15	61.7	61.6	61.5	61.4	61.3	61.0	60.8	60.7	60.7	60.6	60.6	60.2	59.9	59.6	59.4	59.4	59.6	59.8	60.0	60.0	60.0	59.9	59.9	59.8	60.39
16	59.8	59.6	59.4	59.0	58.8	58.6	58.7	58.6	58.4	58.3	58.1	57.8	57.9	57.7	57.7	57.4	57.2	57.1	57.2	57.2	57.1	57.0	57.0	57.1	58.08
17	56.9	56.8	56.7	56.5	56.4	56.4	56.5	56.5	56.5	56.7	56.6	56.4	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.3	56.3	56.4	56.46
18	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.7	56.9	56.8	56.8	56.8	56.7	56.8	57.0	57.2	57.5	57.6	57.7	57.7	57.8	57.9	58.1	56.94
19	58.1	58.4	58.4	58.5	58.6	58.8	59.0	59.2	59.7	60.0	60.2	60.2	60.2	60.1	60.1	60.2	60.3	60.5	60.6	60.7	60.8	60.7	60.9	60.9	59.80
20	61.1	61.3	61.4	61.4	61.8	61.8	62.0	62.2	62.3	62.5	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.2	63.2	63.1	63.2	63.1	62.49
21	63.0	63.1	62.6	62.7	62.6	62.6	62.7	63.0	63.0	63.0	63.0	62.8	62.6	62.5	62.7	62.7	62.8	63.0	63.0	63.0	62.9	63.1	63.0	62.9	62.86
22	62.8	62.7	62.6	62.4	62.3	62.3	62.4	62.6	62.8	62.9	62.5	62.2	62.0	61.6	61.7	61.6	61.6	61.6	61.7	61.7	61.8	62.0	62.0	61.9	62.15
23	61.8	61.6	61.4	61.2	61.0	60.8	60.8	60.8	61.0	60.9	60.6	60.3	59.9	59.6	59.4	59.3	59.1	58.9	58.9	58.8	58.9	58.8	58.8	58.8	60.06
24	58.8	59.0	58.8	58.7	58.6	58.6	58.6	58.6	58.7	58.7	58.6	58.2	57.9	57.6	57.6	57.4	57.4	57.4	57.2	57.2	57.1	57.1	56.9	56.8	57.98
25	56.6	56.5	56.4	56.4	56.2	56.2	56.4	56.7	56.8	57.0	56.9	56.6	56.5	56.6	56.6	56.7	56.7	56.6	56.7	56.6	56.5	56.7	56.6	56.6	56.59
26	56.7	56.7	56.7	56.8	56.8	57.0	57.1	57.4	57.6	57.8	57.8	57.9	57.9	57.7	57.6	57.6	57.9	57.9	57.9	57.9	57.7	57.5	57.3	56.9	57.42
27	56.6	56.4	56.3	55.9	55.8	55.6	55.5	55.4	54.9	55.1	54.7	54.2	54.1	54.1	54.6	54.7	55.4	55.5	56.1	56.6	57.1	57.5	57.7	57.8	55.73
28	57.8	57.8	57.6	57.8	58.1	58.4	58.7	59.0	59.3	59.8	59.8	59.8	59.7	59.8	59.9	59.9	59.9	59.9	59.7	59.4	59.1	58.7	58.3	57.9	59.00
29	57.7	57.2	56.8	56.5	56.2	56.2	56.1	56.4	56.4	56.9	57.0	57.1	57.2	57.2	57.6	57.6	57.9	57.9	57.8	57.8	57.8	57.7	57.6	57.6	57.17
30	57.5	57.6	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.3	58.3	58.2	58.2	58.4	58.5	58.6	59.0	59.2	59.6	59.6	59.6	59.9	60.0	60.2	58.50
M.	61.65	61.60	61.51	61.44	61.40	61.39	61.47	61.61	61.68	61.82	61.76	61.63	61.51	61.46	61.52	61.51	61.60	61.69	61.77	61.80	61.80	61.79	61.78	61.74	61.62

Dezember 1918. (500 mm +). Säntis.

Tag	1³⁰	2³⁰	3³⁰	4³⁰	5³⁰	6³⁰	7³⁰	8³⁰	9³⁰	10³⁰	11³⁰	12³⁰	13³⁰	14³⁰	15³⁰	16³⁰	17³⁰	18³⁰	19³⁰	20³⁰	21³⁰	22³⁰	23³⁰	0³⁰	Tagesmittel
1	60.4	60.6	60.7	60.8	61.0	61.3	61.6	62.0	62.1	62.3	62.4	62.5	62.6	62.8	62.9	63.1	63.4	63.8	64.1	64.3	64.4	64.5	64.6	64.5	62.61
2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.7	65.1	65.2	65.1	64.8	64.6	64.6	64.6	64.7	64.8	64.6	64.8	64.9	65.0	64.8	64.7	64.6	64.69
3	64.6	64.7	64.6	64.3	64.2	64.3	64.3	64.5	64.7	64.9	64.8	64.4	64.4	64.4	64.3	64.4	64.4	64.4	64.3	64.2	64.2	63.8	64.0	63.8	64.37
4	64.0	63.9	63.9	64.0	64.1	64.4	64.4	64.4	64.8	65.1	65.2	65.2	65.2	65.2	65.5	65.6	65.9	66.0	66.2	66.3	66.4	66.5	66.7	66.8	65.24
5	67.0	67.0	67.0	67.0	67.0	66.8	66.9	67.0	67.2	67.4	67.4	67.2	67.0	66.7	66.5	66.6	66.6	66.6	66.6	66.4	66.2	65.8	65.7	65.4	66.71
6	65.1	65.0	64.7	64.4	64.1	64.0	63.8	63.7	63.6	63.6	63.6	63.4	63.3	63.0	63.0	63.0	62.8	62.6	62.6	62.6	62.6	62.6	62.6	62.4	63.42
7	62.4	62.6	62.6	62.4	62.4	62.4	62.4	62.6	62.9	63.1	62.9	62.8	62.7	62.6	62.4	62.3	62.1	61.9	61.7	61.3	61.2	61.0	60.6	60.4	62.15
8	60.2	60.2	59.8	59.8	59.8	59.8	59.8	60.0	60.2	60.4	60.5	60.4	60.4	60.6	60.8	61.0	61.2	61.4	61.5	61.5	61.6	61.8	62.0	62.2	60.70
9	62.2	62.6	62.8	62.8	62.8	62.8	63.0	63.1	63.3	63.5	63.5	63.3	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.4	63.23
10	63.4	63.4	63.4	63.3	63.0	62.9	63.0	63.1	63.6	63.6	63.6	63.4	63.3	63.1	63.3	63.4	63.6	63.6	63.7	63.6	63.9	63.9	63.8	63.5	63.43
11	63.4	63.6	63.7	63.4	63.1	63.2	63.2	63.0	63.4	63.4	63.1	62.6	62.4	61.8	61.6	61.2	60.2	60.2	60.2	59.8	59.7	60.0	60.2	60.1	61.94
12	60.6	61.0	61.3	61.4	61.8	62.2	62.5	62.8	63.2	63.4	63.4	63.2	63.0	62.8	63.3	63.4	63.6	63.3	63.2	63.0	62.9	62.8	62.6	62.6	62.64
13	62.7	62.8	63.3	63.0	62.7	62.8	63.1	62.8	63.0	63.2	63.3	63.8	63.6	63.9	65.2	66.0	66.1	66.7	67.2	67.6	67.7	68.1	68.2	68.4	64.80
14	68.6	68.8	69.0	69.0	69.0	69.0	69.2	70.0	70.2	70.5	70.5	70.4	70.3	70.4	70.5	70.6	70.8	71.1	71.0	71.2	71.1	71.2	71.3	71.4	70.21
15	71.3	71.3	71.2	70.9	70.8	70.8	70.8	71.0	71.0	71.1	71.0	70.6	70.3	70.2	70.1	69.9	69.8	69.6	69.2	69.0	68.7	68.5	68.2	68.0	70.14
16	67.5	67.3	67.1	66.7	66.2	65.9	66.1	66.0	65.8	65.8	65.7	64.8	64.7	64.4	64.4	64.1	63.8	63.8	63.8	63.4	63.2	63.1	62.9	62.6	64.96
17	62.5	62.2	62.0	61.2	61.2	61.0	60.0	60.2	60.5	60.7	60.7	60.0	59.9	59.6	59.7	59.4	59.4	59.3	59.4	59.6	59.5	59.6	59.6	59.6	60.28
18	59.6	59.6	59.6	59.4	59.2	59.2	59.0	58.9	58.9	58.9	58.4	57.8	57.2	57.3	57.0	56.7	56.0	55.6	55.2	54.8	54.4	53.6	52.6	51.5	57.10
19	51.0	50.5	50.6	49.8	48.6	48.3	49.0	49.6	49.1	48.8	48.7	47.8	48.0	47.3	48.0	47.6	46.8	47.6	47.8	48.1	48.1	48.2	48.1	48.2	48.52
20	48.2	48.4	47.8	47.4	47.0	47.2	47.0	47.0	47.4	47.5	47.4	47.0	47.2	47.8	48.2	49.0	49.4	49.6	49.8	50.2	50.3	50.6	51.2	51.6	48.51
21	51.9	52.3	52.6	53.0	53.7	54.0	54.4	55.3	56.0	56.8	57.0	57.2	57.2	57.4	57.4	57.9	57.9	57.8	57.6	57.4	57.1	56.7	56.8	56.6	55.92
22	55.8	55.6	55.1	54.8	54.4	54.0	53.8	53.8	53.9	54.2	54.4	54.0	53.7	53.9	54.1	54.3	54.7	54.0	55.0	54.4	53.9	53.8	53.5	53.8	54.27
23	53.1	53.8	54.2	54.2	54.0	53.8	53.9	54.6	54.9	54.7	54.4	54.0	52.8	52.3	52.4	52.0	52.2	52.0	52.0	52.2	53.4	53.0	53.6	53.1	53.36
24	53.2	53.6	53.7	54.0	53.6	53.9	54.1	54.4	54.6	54.8	54.7	54.2	53.9	53.8	53.8	53.7	53.6	53.4	53.4	53.0	52.6	52.3	52.2	52.2	53.61
25	52.1	52.4	52.5	52.7	52.6	53.4	53.6	53.8	54.2	54.3	54.4	54.1	54.0	54.2	54.4	54.6	54.7	55.0	55.1	55.2	55.1	55.1	55.3	55.8	54.09
26	55.4	55.5	55.7	55.9	56.2	56.5	57.0	57.4	57.8	58.3	58.6	58.6	58.5	58.6	58.8	59.2	59.3	59.6	59.8	60.0	60.1	60.3	60.3	60.3	58.24
27	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.7	60.8	60.9	60.8	60.5	60.4	60.4	60.5	60.6	60.7	60.8	60.9	60.9	61.1	61.0	61.1	60.62
28	60.8	60.3	60.2	60.1	60.0	59.9	59.8	59.8	60.2	60.4	59.9	59.4	58.9	58.3	57.9	57.6	57.5	57.5	57.4	57.3	57.2	57.4	57.7	57.6	58.88
29	57.6	57.5	57.4	57.2	57.6	57.6	58.0	58.2	58.2	58.7	58.9	58.6	58.4	58.3	58.2	58.2	58.1	58.1	58.2	58.2	57.9	58.0	57.8	57.6	58.02
30	57.4	58.3	58.2	57.5	57.6	57.2	57.4	57.6	57.7	57.9	57.6	57.3	56.9	56.4	56.2	55.6	55.2	55.0	54.9	54.4	54.1	53.8	53.4	53.0	56.28
31	52.0	51.8	51.6	51.4	51.2	51.0	50.8	51.0	51.4	51.8	51.9	51.8	51.3	51.4	51.6	51.8	52.0	52.4	52.7	53.0	53.2	53.4	53.8	54.2	52.02
M.	59.96	60.04	60.03	59.87	59.79	59.82	59.90	60.09	60.31	60.47	60.45	60.17	59.98	59.90	60.00	60.03	60.00	60.02	60.09	60.05	60.01	59.96	59.96	59.85	60.03

1918. **Tägliche Maxima und Minima der Barometerstände.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	59.2	56.9	70.3	69.4	49.6	**47.9**	54.8	52.4	66.7	61.0	69.8	68.4	63.6	**62.4**	66.2	65.1	62.8	61.4	62.4	60.4	60.3	59.0	64.6	60.4
2	60.3	57.8	70.8	70.1	50.5	48.4	60.8	54.7	67.0	66.0	68.2	66.4	66.6	63.5	65.3	63.9	63.8	61.4	65.8	62.2	59.2	58.3	65.2	64.4
3	58.3	56.4	69.9	67.5	55.9	50.2	60.9	60.3	66.4	64.8	66.2	64.0	66.4	65.6	63.6	62.6	66.4	63.5	65.5	62.1	60.2	57.8	64.9	63.8
4	62.4	58.2	67.4	65.9	57.4	53.4	60.0	59.1	64.8	63.9	63.8	62.8	67.4	66.1	64.1	62.4	67.6	65.6	62.1	60.4	64.8	60.2	66.8	63.9
5	64.2	62.4	65.7	64.8	60.6	57.7	61.8	59.7	63.6	60.4	63.2	61.2	67.2	66.6	64.8	64.0	67.5	66.7	67.4	62.2	68.3	64.9	67.4	65.4
6	62.8	56.0	66.0	65.0	60.1	58.5	62.2	60.8	60.8	56.8	65.5	62.4	67.1	66.1	63.9	60.7	67.9	65.7	**69.4**	67.3	68.3	65.6	65.1	62.4
7	55.8	46.7	65.5	63.9	59.2	56.3	60.5	56.2	56.8	**55.6**	69.2	65.3	68.2	66.6	66.2	**60.2**	67.5	65.5	69.3	65.5	66.2	65.0	63.1	60.4
8	47.0	**43.5**	65.4	64.0	61.4	56.4	56.2	55.2	59.6	55.8	**71.4**	69.1	67.7	66.0	68.7	66.0	65.1	61.9	65.1	60.4	67.2	65.6	62.2	59.8
9	55.5	47.2	67.5	64.4	62.0	61.4	55.4	52.6	59.6	58.1	71.0	66.3	65.7	64.2	68.3	66.0	63.4	60.8	65.0	60.2	71.1	67.3	63.6	62.2
10	60.0	54.0	71.7	67.8	63.8	61.8	54.8	51.4	60.2	57.7	65.7	61.4	65.0	63.4	68.6	66.0	63.0	61.0	67.7	65.3	**71.4**	70.0	63.9	62.9
11	59.3	57.4	71.6	70.2	63.6	61.6	61.6	55.2	61.6	60.1	63.4	60.9	66.0	64.8	69.2	67.7	61.0	59.4	65.3	61.6	70.2	67.0	63.7	59.7
12	57.2	53.4	70.1	67.4	62.6	60.8	61.6	59.5	60.6	59.4	65.3	62.6	66.0	65.2	69.9	68.6	61.0	58.8	61.4	60.0	66.7	65.0	63.6	60.6
13	56.4	52.4	67.2	61.2	63.1	61.4	59.2	54.2	60.8	59.8	68.9	65.4	67.2	66.0	69.4	68.6	66.2	61.0	61.3	59.8	65.0	64.2	68.4	62.7
14	61.0	56.4	62.1	60.5	61.2	56.0	53.7	53.0	61.0	59.1	68.6	66.1	68.2	66.0	68.8	68.1	68.5	66.1	61.0	58.4	64.0	62.1	**71.4**	68.6
15	61.6	59.0	62.0	57.8	60.0	54.8	54.7	53.0	63.4	60.8	65.7	60.5	70.3	68.0	69.6	67.7	69.6	68.1	58.2	54.7	61.7	59.4	71.3	68.0
16	62.4	58.7	57.5	55.0	61.1	60.0	58.6	54.8	65.5	63.0	60.1	58.4	70.7	69.5	70.0	68.7	68.8	68.2	55.6	**54.3**	59.8	57.0	67.5	62.6
17	64.5	62.6	59.0	56.7	62.8	61.1	59.4	58.5	66.0	65.1	59.0	**56.8**	71.0	69.5	69.4	68.7	**70.0**	68.2	56.1	54.8	56.9	56.3	62.5	59.3
18	64.2	62.2	59.1	56.7	66.6	62.8	58.5	52.5	67.4	65.7	62.6	59.3	70.8	69.2	68.8	68.0	69.6	68.7	57.3	56.0	58.1	56.3	59.6	51.5
19	63.0	61.8	58.3	56.3	66.2	62.2	52.1	50.8	69.1	67.2	62.5	61.4	**71.2**	70.6	68.7	66.8	69.4	68.5	59.0	56.5	60.9	58.1	51.0	**46.8**
20	62.8	60.7	62.4	58.4	64.7	61.3	54.1	**50.7**	69.8	68.7	63.8	61.2	70.6	66.8	72.9	68.4	68.1	65.6	63.2	59.3	63.2	61.1	51.6	47.0
21	60.7	58.5	64.2	61.4	**68.5**	65.0	53.7	51.8	70.0	68.9	64.7	61.8	67.6	66.2	**75.2**	72.9	66.5	65.2	67.6	63.2	63.1	62.5	57.9	51.9
22	60.3	59.0	66.4	64.2	68.4	67.3	55.3	52.0	**70.4**	69.4	63.8	63.0	66.0	64.8	75.0	73.2	65.9	59.6	67.6	66.6	62.9	61.6	55.8	53.3
23	68.5	60.2	**72.4**	66.7	67.8	66.6	56.9	55.2	**70.4**	69.4	63.9	61.6	64.6	62.8	73.2	69.6	59.0	**55.0**	67.3	63.8	61.8	58.8	54.9	52.0
24	73.4	68.7	**72.4**	67.4	66.4	63.7	59.6	56.4	69.2	62.6	63.6	61.8	67.0	64.0	69.2	66.8	63.7	55.5	63.5	60.1	59.0	56.8	54.8	52.2
25	**74.3**	73.3	67.3	63.3	63.3	54.1	63.5	59.5	64.9	62.2	63.7	61.4	67.1	66.3	66.6	65.8	69.3	63.6	59.8	57.7	57.0	56.2	55.3	52.1
26	73.5	72.3	69.1	65.8	55.2	52.3	**63.8**	63.1	64.2	63.6	63.9	62.9	66.3	63.2	65.4	64.7	**70.0**	68.1	59.2	57.2	57.9	56.7	60.3	55.4
27	72.0	70.9	68.2	60.0	57.0	54.9	62.7	60.5	64.3	63.3	64.4	61.6	62.7	60.6	66.0	64.4	67.7	64.0	63.8	59.3	57.8	**54.1**	61.1	60.3
28	71.0	70.2	59.6	**49.4**	57.1	55.8	60.2	59.2	65.0	63.4	66.0	64.1	66.4	60.4	65.5	64.8	63.7	62.2	66.8	63.8	59.9	57.6	60.8	57.2
29	70.1	69.3			55.5	53.3	59.4	58.6	65.4	63.6	66.3	65.4	66.8	66.1	65.2	63.8	63.2	61.8	67.4	66.6	57.9	56.1	58.9	57.2
30	69.2	68.4			54.8	51.9	61.0	58.2	67.8	64.9	65.7	63.2	66.2	65.7	65.8	62.3	61.6	58.2	66.8	63.4	60.2	57.4	58.3	53.0
31	69.7	68.2			54.7	52.3			69.2	67.3			66.2	65.0	65.0	63.5			63.0	60.4			54.2	50.8
Mittl. Max.	63.25		66.04		60.68		58.57		64.89		65.33		67.24		68.02		65.93		63.58		62.70		61.60	
Mittl. Min.	60.09		62.92		57.78		55.97		62.83		62.89		65.52		66.13		63.31		60.76		60.60		58.32	
Differenz	3.16		3.12		2.90		2.60		2.06		2.44		1.72		1.89		2.62		2.82		2.10		3.28	
Abs. Max.	74.3		72.4		68.5		63.8		70.4		71.4		71.2		75.2		70.0		69.4		71.4		71.4	
Abs. Min.	43.5		49.4		47.9		50.7		55.6		56.8		62.4		60.2		55.0		54.3		54.1		46.8	
Differenz	30.8		23.0		20.6		13.1		14.8		14.6		8.8		15.0		15.0		15.1		17.3		24.6	

1918. **Uebersicht über den täglichen Gang des Luftdruckes.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel 500 +	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Amplitude
Januar	61.68	-.13	-.13	-.25	-.39	**-.42**	-.39	-.33	-.13	-.01	.14	.23	.07	-.13	-.21	-.12	-.07	.01	.14	.22	.34	.38	**.40**	**.40**	.36	.82
Februar	64.41	**.50**	.45	.24	.09	.01	-.03	-.06	.00	.03	.13	.19	.10	-.06	-.17	-.25	**-.28**	-.23	-.12	-.05	-.04	-.05	-.07	-.11	-.16	.78
März	59.31	-.12	-.28	-.43	-.55	**-.57**	-.52	-.37	-.25	-.08	.09	.20	.27	.25	.22	.21	.16	.18	.23	.29	**.33**	.32	.26	.17	.09	.90
April	57.23	-.02	-.19	-.31	-.47	**-.56**	-.50	-.42	-.38	-.24	-.09	-.04	.00	.14	.12	.11	.13	.15	.20	.32	.43	.44	.43	.39	.34	1.00
Mai	63.92	-.23	-.38	-.45	**-.51**	-.47	-.36	-.26	-.14	-.04	.08	.14	.20	.23	.20	.14	.12	.07	.11	.16	.23	**.35**	**.35**	.26	.15	.86
Juni	64.09	.17	-.08	-.25	-.34	-.45	**-.48**	-.43	-.31	-.21	-.15	-.03	.04	.12	.16	.16	.17	.16	.17	.24	.27	**.39**	**.39**	.25	.11	.87
Juli	66.39	-.07	-.24	-.39	**-.40**	**-.40**	**-.40**	-.29	-.23	-.15	-.04	.07	.12	.16	.20	.20	.15	.12	.11	.12	.21	.32	**.34**	.28	.16	.74
August	67.09	-.03	-.22	-.39	-.47	**-.48**	-.42	-.32	-.21	-.07	.03	.13	.18	.20	.19	.15	.16	.11	.09	.15	.31	**.32**	.30	.21	.09	.80
Septbr.	64.63	.09	-.15	-.27	-.43	-.51	**-.54**	-.42	-.32	-.12	.02	.05	.07	.07	.04	.04	.08	.07	.08	.26	.46	**.50**	.43	.35	.20	1.04
Oktbr.	62.13	.04	-.12	-.22	-.29	**-.31**	-.27	-.17	-.05	.01	.05	.10	.06	-.01	-.01	-.05	-.07	-.02	**.23**	.18	.21	.21	.19	.12	.10	.54
Novbr.	61.62	.03	-.02	-.11	-.18	-.22	**-.23**	-.15	-.01	.06	**.20**	.14	.01	-.11	-.16	-.10	-.11	-.02	.07	.15	.18	.18	.17	.16	.12	.43
Dezbr.	60.03	-.07	.01	.00	-.16	**-.24**	-.21	-.13	.06	.28	**.44**	.42	.14	-.05	-.13	-.03	.00	-.03	-.01	.06	.02	-.02	-.07	-.07	-.18	.68

Januar 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	19.5	SE 22	SE 24	SE 30	S 24	NW 30	NE 22	SE 22	SE 32	SE 23	SE 29	SW 21	E 12
2	19.2	SE 1	SE 0	SE 0	SE 0	WSW 8	SW 21	SW 23	SW 39	SW 28	SW 17	SW 17	SW 15
3	7.8	WNW 4	NNW 12	NNW 8	NNW 11	NNW 4	NNW 2	WNW 0	WNW 6	WNW 6	NW 7	NNW 6	NNW 5
4	10.5	NNE 15	NNE 16	NNE 20	NNE 19	NNE 11	NNE 14	NNE 12	NNE 8	NNE 7	NE 0	NW 0	NW 0
5	23.7	SSE 19	S 23	SSE 33	SSE 33	S 30	SSE 24	SW 26	SSW 14	SW 7	WNW 14	WNW 27	NW 21
6	58.5	WSW 48	WSW 59	WSW 55	WSW 60	WSW 56	WSW 60	WSW 54	WSW 60	WSW 70	WSW 62	WSW 63	WSW 66
7	47.6	WSW 49	WSW 41	WSW 49	WSW 63	SW 56	SW 50	SW 51	SSW 31	SSW 22	S 9	S 3	SW 14
8	27.7	WSW 37	WSW 50	WSW 36	WSW 32	WSW 23	WSW 33	WSW 26	WSW 14	WSW 54	WSW 78	WSW 66	WSW 56
9	27.7	ESE 14	ESE 15	S 6	S 5	WNW 7	ESE 0	NW 6	WNW 19	NNE 50	NNE 30	NNE 34	NNE 34
10	44.3	NNE 58	NNE 64	NNE 52	NNE 58	NNE 62	NNE 50	WSW 56	W 36	S 48	SE 38	ENE 40	ENE 42
11	35.0	NE 30	NNE 30	NNE 22	NNE 24	NNE 18	NNE 16	WSW 42	WSW 48	WSW 40	WSW 45	WSW 36	WSW 39
12	48.8	WSW 42	WSW 48	WSW 32	WSW 60	WSW 48	WSW 40	WSW 40	WSW 62	WSW 68	WSW 72	WSW 68	WSW 38
13	28.8	WSW 60	WSW 50	WSW 42	WSW 42	WSW 46	WSW 40	WSW 40	WSW 30	WSW 36	WSW 28	WSW 22	SW 24
14	30.1	WSW 8	WSW 9	WSW 12	WSW 14	WSW 15	WSW 17	WSW 18	WSW 19	WSW 27	WSW 19	WSW 31	WSW 38
15	49.2	WSW 50	WSW 51	WSW 47	WSW 43	WSW 45	WSW 42	WSW 54	WSW 44	WSW 42	WSW 50	WSW 48	WSW 60
16	37.3	WSW 34	WSW 24	WSW 28	WSW 28	WSW 30	WSW 28	WSW 32	WSW 26	WSW 46	WSW 54	WSW 68	WSW 64
17	34.6	ESE 22	ESE 24	ESE 27	ESE 27	ESE 24	ESE 26	WSW 26	SW 34	SW 30	SW 28	SW 26	WSW 28
18	31.4	SW 40	SW 42	SW 44	SW 46	SW 48	SW 34	SW 48	SW 32	SW 26	SSW 30	SSW 26	SSW 16
19	29.1	SSW 42	SSW 50	SSW 44	SSW 50	SSW 44	SSW 36	SW 40	SSW 43	SSW 39	SSW 34	SW 33	SSW 23
20	19.1	SE 9	SSE 1	WSW 7	SW 15	S 4	SE 14	WNW 18	WSW 12	WSW 24	WSW 34	W 34	SW 26
21	35.3	SSE 6	SSE 20	SSE 22	NNE 14	SSE 12	SSE 13	WSW 14	WSW 37	SSW 30	SSW 34	SSW 42	SSW 45
22	35.2	SSW 36	SSW 28	SSE 30	S 28	SSW 30	SSW 30	SSW 23	SSW 21	SSW 21	SSW 25	SSW 30	SSW 30
23	24.3	SSW 33	SSW 27	SSW 23	SSW 22	SSW 22	SSW 22	SW 22	SW 22	SW 22	SW 21	SW 21	SW 20
24	21.0	WSW 34	WSW 30	WSW 30	WSW 30	WSW 30	WSW 30	WSW 28	WSW 28	WSW 24	WSW 25	WSW 25	WSW 23
25	13.0	NE 11	NE 17	NE 17	NE 17	NE 17	NE 18	NE 18	NE 18	NE 19	NE 13	NE 14	NE 10
26	12.1	NE 11	NE 11	NE 12	NE 11	NE 13	NE 13	NE 12	NE 12	NE 12	NE 17	NE 25	NE 16
27	3.6	ENE 8	ENE 7	ENE 7	ENE 8	ENE 7	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 10	ENE 0
28	13.2	SW 10	SW 10	SW 11	SW 11	SW 10	SW 11	SW 11	SW 10	SW 11	SSW 10	SSW 11	SSW 11
29	4.7	SSW 11	SSW 10	SSW 10	SSW 11	SSW 10	SSW 0	SSW 0	SSW 0	SSW 0	SW 0	SW 0	SW 0
30	6.3	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 0	NE 0	ENE 0	ENE 10	ENE 10	ENE 0
31	5.8	ENE 7	ENE 7	ENE 6	ENE 7	ENE 6	SW 7	SW 0	SW 0	E 10	E 10	E 10	ENE 10

Februar.

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	5.5	SW 0	SW 0	SW 0	SW 0	SW 0	ENE 7	ENE 8	ENE 7	ENE 8	NE 10	NE 10	NE 10
2	6.6	SW 8	SW 0	SW 0	SW 0	SW 0	E 0	E 0	E 0	E 0	SSE 0	SSE 0	SW 0
3	11.2	S 6	SSW 7	SW 6	SW 1	SW 0	SW 0	SSE 1	SSE 0	SSE 3	ESE 11	SSE 17	SSE 18
4	6.2	WNW 22	WNW 12	W 0	W 0	W 0	W 0	E 0	ENE 0	NE 2	NE 0	NE 0	NE 2
5	13.0	S 14	S 11	S 16	S 15	S 14	S 15	SSE 7	SE 5	SE 3	SE 3	ESE 5	SSE 8
6	23.8	SW 21	WSW 30	W 26	W 24	W 24	W 21	SW 19	SW 21	SW 26	SW 17	SW 13	SW 9
7	57.9	WSW 46	WSW 42	WSW 47	WSW 37	WSW 40	WSW 44	WSW 48	SW 43	SW 47	SW 46	WSW 62	WSW 70
8	39.5	WSW 60	WSW 60	WSW 48	WSW 48	WSW 47	WSW 45	WSW 48	WSW 48	WSW 48	SW 46	WSW 32	WSW 34
9	44.9	WSW 40	WSW 38	WSW 28	SW 28	SW 25	SW 21	WSW 30	WSW 38	WSW 52	WSW 56	WSW 59	WSW 55
10	38.3	WSW 42	SW 42	SW 48	WSW 42	WSW 44	WSW 46	SW 38	WSW 36	SW 42	WSW 46	WSW 45	WSW 39
11	51.5	WSW 34	WSW 38	WSW 44	WSW 48	WSW 54	WSW 58	WSW 58	WSW 58	WSW 54	WSW 54	WSW 52	WSW 50
12	33.5	WSW 50	WSW 37	W 30	WNW 29	WNW 26	WNW 23	WSW 21	WSW 19	SW 20	SW 24	SW 19	SW 29
13	42.0	WSW 44	WSW 48	WSW 47	WSW 45	WSW 41	WSW 43	WSW 44	WSW 42	WSW 43	WSW 39	WSW 45	WSW 41
14	1.4	W 5	WSW 4	WSW 3	WSW 0	WSW 1	WSW 0	W 0	W 1	W 0	W 0	W 0	W 0
15	22.2	NNW 8	NNW 21	NNW 21	NNW 28	NNW 34	NNW 32	NNW 40	NE 36	NNE 48	NNE 42	NE 30	NE 12
16	11.0	ESE 33	S 37	WSW 32	W 36	E 22	SW 22	ENE 20	SE 16	SE 7	NE 13	ENE 11	NE 5
17	12.9	NE 4	NE 12	NE 10	NE 22	ENE 26	ENE 26	ENE 24	NE 30	NE 30	NE 24	NE 10	NE 13
18	13.5	NNE 17	NNE 19	NNE 20	NNE 17	NNE 15	NNE 17	NE 19	NE 8	NE 2	NE 2	NNE 4	NNE 5
19	11.5	NNE 14	NNE 20	NNE 24	NNE 15	NNE 19	NNE 18	NNE 11	NNE 17	NNE 5	NNE 1	NNE 0	NNE 0
20	23.9	WSW 18	WSW 21	WSW 17	WSW 18	WSW 20	WSW 19	SW 15	SW 16	SW 15	SW 13	SW 14	WSW 21
21	48.5	WSW 35	WSW 45	WSW 50	WSW 54	WSW 64	WSW 62	WSW 66	WSW 84	WSW 90	WSW 94	WSW 81	WSW 71
22	30.5	WSW 1	WSW 2	WSW 1	WSW 4	WSW 1	WSW 6	WSW 34	WSW 47	WSW 49	WSW 45	WSW 36	WSW 40
23	21.9	SW 32	SW 28	SW 29	SW 29	SW 26	SW 28	WSW 44	WSW 46	WSW 42	WSW 34	WSW 27	WSW 23
24	18.2	SW 0	SW 0	SW 0	SW 0	W 0	N 0	W 0	W 0	WSW 13	SW 6	SW 16	WSW 2
25	8.0	WSW 30	WSW 25	WSW 23	WSW 13	WSW 14	WSW 5	WSW 10	WSW 7	WSW 8	WSW 7	SW 1	SW 0
26	17.0	NE 0	ENE 0	ENE 0	ENE 0	NE 0	ENE 0	NE 11	NE 16	NE 26	ENE 30	ENE 35	NE 32
27	35.6	NW 16	WNW 17	WNW 24	WNW 28	WNW 37	WNW 35	WSW 31	W 35	WSW 38	WSW 49	WSW 53	WSW 56
28	26.7	WSW 18	WSW 14	WSW 14	WSW 15	WSW 23	WSW 30	WSW 28	WSW 38	WSW 37	WSW 41	WSW 33	SSW 17

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Januar. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	SE 17	ESE 30	ESE 33	SE 33	WSW 15	NW 17	NW 13	NW 7	SE 7	SE 3	SE 1	SE 0	467
2	SW 32	WSW 34	WSW 30	WSW 26	WSW 28	WNW 25	ENE 25	SSE 22	WSW 19	WSW 20	WSW 20	WNW 11	461
3	NNW 3	NNW 1	NNW 1	NW 4	NNW 0	NNW 8	N 8	NNE 13	NNE 19	NNE 20	NNE 20	NNE 19	187
4	W 0	WSW 0	WSW 1	WSW 1	W 13	WNW 14	NW 16	NW 12	WNW 14	WNW 18	WNW 23	NE 17	251
5	NW 17	WNW 12	WSW 6	WSW 14	WSW 24	WSW 27	WSW 29	WSW 32	WSW 26	WSW 35	WSW 33	WSW 42	568
6	WSW 70	WSW 79	WSW 60	WSW 60	WSW 60	WSW 58	WSW 52	WSW 52	W 49	WSW 49	WSW 52	WSW 50	1404
7	WSW 30	WSW 42	WSW 66	WSW 66	WSW 87	WSW 79	WSW 56	WSW 56	WSW 58	WSW 48	WSW 66	WSW 51	1143
8	ENE 20	E 17	E 15	ENE 16	E 21	E 17	E 5	WNW 3	NW 10	WNW 10	NNW 10	ENE 16	665
9	NNE 40	N 40	N 40	NNW 44	NNW 48	NNW 38	NNE 20	NNE 18	N 26	N 30	N 46	N 56	666
10	ENE 58	NE 34	ENE 38	ENE 40	ENE 40	ENE 40	ENE 42	ENE 40	NE 36	ENE 36	ENE 30	ENE 26	1064
11	WSW 37	WSW 29	WSW 34	WSW 32	WSW 34	WSW 30	WSW 44	WSW 44	WSW 36	WSW 46	WSW 38	WSW 46	840
12	WSW 52	WSW 50	WSW 42	WSW 38	WSW 48	WSW 42	WSW 44	WSW 42	WSW 42	WSW 42	WSW 46	WSW 64	1170
13	SW 25	WSW 21	W 10	WSW 14	WSW 36	WSW 40	WSW 30	WNW 10	WNW 13	WNW 11	WNW 11	W 10	691
14	WSW 40	WSW 50	WSW 44	WSW 44	WSW 39	WSW 36	WSW 33	WSW 36	WSW 37	WSW 38	WSW 55	WSW 44	723
15	WSW 50	WSW 76	WSW 68	WSW 48	WSW 48	WSW 70	WSW 50	WSW 48	WSW 42	WSW 46	WSW 34	WSW 26	1182
16	SW 50	WSW 47	WSW 55	WSW 46	WSW 44	WSW 40	WSW 40	WSW 40	WSW 26	WSW 18	S 12	SE 14	894
17	WSW 38	WSW 46	WSW 44	WSW 42	SW 54	SW 42	SW 42	SW 40	SW 37	SW 43	SW 42	SW 38	830
18	SSW 24	SSW 24	SSW 18	SSW 20	SSW 22	SW 20	SSW 20	SSW 22	SW 29	SSW 31	SSW 40	SSW 52	754
19	SW 28	WSW 30	WSW 36	SW 22	SW 23	SSW 19	SSW 11	SSW 10	SSE 8	SE 13	SSE 6	ESE 14	698
20	SW 34	SSW 32	SSW 32	SSW 18	SSW 26	SW 23	WSW 29	W 20	WSW 17	W 15	WNW 8	SE 6	458
21	SSW 53	SSW 34	SSW 39	SSW 45	SSW 48	SSW 48	SSW 56	SSW 56	SSW 44	SSW 40	SSW 52	SSW 44	848
22	S 28	SSW 30	SSW 42	SSW 53	SSW 45	SSW 44	SSW 50	SSW 46	SSW 44	SSW 48	SSW 43	SSW 40	845
23	SW 19	SW 19	SW 20	SW 22	SW 22	SW 26	SW 29	SW 29	WSW 28	WSW 30	WSW 30	WSW 32	583
24	SW 24	SW 18	SW 14	SW 14	SW 14	SW 14	NE 14	NE 11	NE 11	NE 11	NE 12	NE 11	505
25	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	NE 11	NE 12	312
26	NE 14	NE 14	NE 12	NE 12	NE 12	NE 12	NE 12	ENE 8	ENE 8	ENE 7	ENE 7	ENE 7	290
27	ENE 0	ENE 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 10	SW 10	SW 10	SW 10	SW 10	87
28	SSW 16	SSW 17	SSW 18	SSW 18	SSW 17	SSW 17	SSW 17	SSW 16	SSW 17	SSW 16	SSW 12	SSW 10	318
29	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	NE 10	NE 10	NE 10	NE 10	NE 10	NE 10	112
30	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 10	ENE 10	ENE 10	ENE 10	ENE 10	ENE 10	ENE 10	150
31	ENE 10	ENE 10	ENE 10	SW 10	SW 10	SW 10	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	140

Februar.

1	NE 0	NE 0	NE 0	SW 10	SW 8	SW 7	SW 8	SW 8	SW 8	SW 8	SW 8	SW 7	132
2	SW 8	SW 9	SW 11	SW 12	SW 11	SW 16	SW 16	SW 15	SW 15	SSW 13	SSE 13	SSE 11	158
3	SSE 22	SSW 16	SSW 15	SSW 15	SSW 12	SW 10	SW 9	SW 13	WSW 20	WSW 22	WSW 24	W 22	270
4	NNE 8	NNE 12	NNE 15	NE 12	NE 7	SE 12	SE 8	SE 7	SSE 7	SSE 5	SE 5	SSE 12	148
5	SSE 12	SSE 13	S 17	SSW 18	S 20	S 19	SSE 20	SSW 18	SSW 15	SSW 13	SSW 15	SSW 15	311
6	SW 2	WSW 7	WSW 18	WSW 22	WSW 23	WSW 19	WSW 22	WSW 23	WSW 30	WSW 43	WSW 50	WSW 62	572
7	WSW 58	WSW 78	WSW 70	WSW 80	WSW 75	WSW 75	WSW 74	WSW 66	WSW 61	WSW 61	WSW 62	WSW 58	1390
8	SW 30	SW 24	WSW 29	WSW 31	WSW 25	WSW 31	WSW 31	WSW 33	WSW 35	WSW 37	WSW 40	WSW 38	948
9	WSW 56	WSW 48	WSW 42	WSW 44	SW 52	SW 48	WSW 58	WSW 54	WSW 50	WSW 46	WSW 54	WSW 56	1078
10	WSW 34	WSW 32	SW 38	SW 32	WSW 36	WSW 31	SW 31	SW 36	WSW 36	WSW 34	SW 32	WSW 38	920
11	WSW 46	WSW 46	WSW 50	WSW 48	WSW 54	WSW 56	WSW 54	WSW 56	WSW 54	WSW 54	WSW 58	WSW 59	1237
12	SW 30	WSW 29	WSW 32	WSW 34	WSW 35	WSW 40	WSW 42	WSW 46	WSW 44	WSW 46	WSW 50	WSW 48	803
13	WSW 46	WSW 44	WSW 50	WSW 49	WSW 53	WSW 52	WSW 46	WSW 41	WSW 43	WSW 36	WSW 25	W 2	1009
14	W 0	WNW 0	NNW 2	NW 3	NNW 6	NNW 2	NNW 2	NNW 2	NNW 1	NNW 0	NNW 0	NNW 1	33
15	NE 1	NE 3	NE 3	NE 5	NE 10	NE 16	NE 10	ENE 10	ENE 26	ENE 30	E 32	ESE 34	532
16	ENE 1	E 1	ESE 1	ENE 0	ENE 3	ENE 1	NE 1	ENE 0	ENE 1	ENE 0	ENE 1	ENE 0	264
17	NE 8	NE 0	NE 0	ENE 1	SE 11	S 13	SW 9	E 4	ENE 3	NE 5	NNE 4	NNE 21	310
18	ENE 1	E 3	ESE 15	ENE 18	ENE 20	NE 20	NE 15	NNE 19	NNE 19	NE 15	ENE 18	ENE 16	324
19	N 0	NNW 0	NW 0	WNW 0	NW 11	NW 17	NW 4	NW 10	W 11	W 23	WNW 26	WNW 30	276
20	WSW 21	WSW 28	WSW 30	WSW 30	WSW 30	WSW 30	WSW 26	WSW 32	WSW 28	WSW 33	WSW 33	WSW 46	574
21	WSW 55	WSW 49	W 40	W 40	WSW 34	WSW 36	WSW 31	WSW 25	WSW 18	WSW 17	WSW 14	WSW 9	1164
22	WSW 42	WSW 48	WSW 47	WSW 53	WSW 50	WSW 32	WSW 29	WSW 31	WSW 34	SW 33	SW 34	SW 33	732
23	WSW 22	SW 18	E 17	ENE 22	WSW 19	WSW 11	WNW 10	WNW 9	WSW 5	SW 3	SW 1	SW 0	525
24	WSW 0	WSW 0	SW 18	SW 26	WSW 36	WSW 34	WSW 43	WSW 39	WSW 48	WSW 50	WSW 50	WSW 55	436
25	SW 0	SW 3	NW 9	NNW 13	NW 13	NNW 4	NNW 3	NNW 1	NNW 1	NNW 0	NNW 0	NNW 1	191
26	NE 40	NE 28	ENE 34	ENE 31	NE 29	ENE 28	ENE 20	ENE 14	ENE 14	ENE 8	NE 9	N 4	409
27	WSW 52	WSW 52	WSW 40	WSW 46	WSW 41	WSW 38	WSW 31	WSW 34	WSW 28	WSW 26	WSW 28	WSW 20	855
28	SSW 17	SSW 19	WSW 21	WSW 24	SSW 26	SSW 26	SSW 31	SSW 34	SSW 33	SSW 35	SSW 36	SSW 30	640

März 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	12.8	SSW 26	SSW 10	SSW 13	SSE 15	WSW 8	WNW 12	SSE 7	SSE 0	NW 0	NE 0	NE 0	S 5
2	18.3	E 13	ENE 31	ENE 21	SE 12	E 13	SE 20	E 18	E 11	E 17	E 17	E 16	SE 21
3	15.2	SE 14	SE 7	SE 9	SW 13	WSW 13	NE 20	SSW 11	SSW 28	SSW 25	SSW 28	SSW 31	SSW 23
4	15.2	ENE 7	NE 1	NNE 1	NNE 0	WNW 3	WSW 14	WSW 10	WSW 30	WSW 38	WSW 33	SW 14	E 3
5	24.3	SSE 26	S 21	S 23	S 36	SSW 36	SSW 22	ENE 27	ESE 29	W 30	NE 30	ESE 26	SSW 14
6	5.7	N 11	NW 8	W 10	ENE 8	SE 10	SE 10	ENE 5	E 5	SW 9	ENE 8	E 9	SE 3
7	13.3	NE 1	NNE 0	NNE 0	NW 1	NW 0	NW 0	N 1	NNE 0	NNW 0	NNW 0	NNW 0	NNW 0
8	9.7	WSW 50	WSW 42	WSW 27	WSW 23	SW 20	SW 10	SW 9	SSW 1	SSE 0	SSW 7	SSW 12	S 6
9	2.6	E 11	E 7	E 3	E 5	E 7	ESE 2	NE 1	ENE 0	NE 0	NE 0	NE 0	NE 0
10	4.3	W 3	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	W 0	SE 1
11	0.4	NW 1	NW 0	NW 0	NW 0	NW 0	NW 1	NW 0	NW 0	NW 0	NW 0	WSW 0	SE 0
12	7.9	SE 11	ENE 17	SE 17	SSE 11	S 10	S 10	SW 7	WSW 3	SW 0	SW 0	SW 0	SSW 0
13	10.7	NNE 13	NNE 13	NNE 15	NNE 13	N 12	N 16	NE 20	NNE 16	NNE 17	NE 12	NE 9	ESE 0
14	9.9	NNE 18	NNE 16	NNE 18	NNE 16	NNE 20	NNE 16	NNE 14	NNE 16	NNE 9	NNE 9	NNE 3	NE 2
15	15.7	SSW 19	SSW 30	SSW 29	SSW 32	SSW 33	SSW 26	WSW 22	WSW 14	SSW 8	SSW 10	SSW 12	S 18
16	8.8	S 0	S 0	SE 0	SE 0	SE 4	SSE 3	SSW 17	SSW 20	SW 17	SSW 14	SSW 13	SSW 8
17	0.4	NW 2	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	NE 1	NE 0	NE 2
18	3.0	W 1	NNW 4	NNW 7	N 8	N 12	N 7	NW 9	NW 0	NW 0	NW 0	NW 0	WSW 1
19	10.4	E 3	E 0	E 0	E 0	E 0	E 0	WNW 2	WNW 0	WNW 0	WSW 0	SSW 9	SSW 6
20	14.9	WSW 25	W 42	WSW 42	W 38	W 42	W 34	W 29	WSW 27	WSW 22	WSW 15	WSW 14	WSW 6
21	2.7	W 0	W 0	WNW 0	W 0	W 0	W 0	NE 0	NNE 0	ENE 1	ENE 0	NNE 0	W 0
22	24.5	NW 23	NW 21	NNW 19	NNW 34	NNW 38	NNW 36	NNE 38	NNE 32	NNE 36	NNE 34	NNE 34	NNE 18
23	18.6	ENE 16	ENE 12	ENE 11	ENE 9	ENE 9	ENE 11	ENE 11	ENE 13	ENE 15	ENE 13	ENE 15	ENE 19
24	7.2	SSW 38	SSW 41	SSW 27	SSW 22	SSW 22	SW 9	ESE 0	E 0	E 1	NE 0	ESE 1	SE 1
25	23.9	W 15	W 19	W 26	W 29	W 24	W 25	WSW 21	W 20	WSW 24	W 26	W 28	W 26
26	5.4	NNE 25	NNE 16	NNE 8	NE 4	ENE 7	ENE 2	NW 0	NNW 3	WNW 4	WNW 1	WNW 2	WNW 1
27	17.5	WNW 5	WNW 5	W 3	W 6	WNW 13	WNW 6	W 7	WNW 6	SW 3	SW 8	SW 16	SW 16
28	36.0	WSW 24	WSW 19	WSW 22	WSW 30	WSW 24	WSW 36	WSW 40	WSW 39	WSW 35	WSW 36	WSW 30	WSW 30
29	32.3	WSW 28	WSW 34	SW 13	SE 3	WNW 16	WNW 16	WSW 36	WSW 56	SW 48	SW 44	SW 38	SW 42
30	32.8	NW 30	NW 15	NW 27	NW 24	NW 24	NW 6	WSW 34	WSW 34	WSW 27	WSW 24	SW 17	SW 16
31	32.0	WSW 54	WSW 52	WSW 43	WSW 33	WSW 32	WSW 34	WSW 50	WSW 42	WSW 46	WSW 46	WSW 39	WSW 33

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Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	33.8	S 27	SSW 29	SSW 46	S 42	SSE 44	S 48	SSW 54	SSW 40	SSW 50	SSW 50	SSW 34	SW 24
2	23.8	ESE 22	ESE 32	ESE 34	ESE 36	ESE 41	ESE 33	SE 28	SW 15	NNW 17	WSW 22	WSW 24	WSW 38
3	8.0	WSW 0	SW 0	WSW 0	SW 0	SW 0	SSW 0	SSE 1	SSE 4	S 3	S 0	SW 2	WSW 5
4	12.7	WSW 19	WSW 30	WSW 25	W 14	WSW 4	SSE 9	S 16	S 3	S 0	SSW 0	S 3	S 14
5	10.7	WSW 6	WSW 18	WSW 15	WSW 12	SSW 11	SW 22	SSW 24	SSW 24	SSW 10	SSW 18	SSE 10	S 14
6	16.9	WSW 8	WSW 16	WSW 25	WSW 25	WSW 20	WSW 20	WSW 15	WSW 6	WSW 7	WSW 6	WSW 14	WSW 20
7	5.6	SW 2	WSW 5	WSW 10	WSW 11	SSW 0	SSW 0	SW 0	SSE 0	SE 0	SE 1	SE 11	ESE 11
8	21.0	SE 15	ESE 24	ENE 26	ENE 18	ENE 9	SE 10	ENE 11	E 12	ENE 22	SE 26	ESE 34	ENE 24
9	31.6	WSW 25	SW 28	SW 32	S 50	S 44	ENE 48	ENE 39	ENE 38	ENE 39	E 40	E 49	SE 23
10	18.7	NW 10	NW 6	W 3	ENE 2	NNW 7	NW 10	NE 14	E 16	ESE 8	ESE 8	E 3	E 1
11	12.3	SSW 34	SSW 24	S 21	SSW 21	SSW 18	SSW 24	WSW 21	WSW 32	WSW 35	SW 17	SSW 0	SSE 0
12	10.5	S 2	SSW 2	SSW 0	SSE 1	SE 5	S 8	SSW 12	SW 13	WSW 13	SSE 0	ESE 4	SSE 12
13	17.3	SSW 21	SSW 15	SSW 15	SSE 19	SSW 26	SSW 31	SSW 20	SSW 16	SSW 10	SSW 5	SSE 5	SSE 4
14	20.3	SW 49	S 41	WSW 42	WSW 31	WSW 32	WNW 28	SSE 32	SE 26	SE 29	ESE 23	S 14	SW 20
15	12.4	NNW 28	NNW 16	N 2	WNW 12	WNW 14	WNW 20	SSE 21	SSE 6	SSE 3	SSE 0	SSW 1	WSW 3
16	12.9	WSW 32	WSW 28	WSW 30	WSW 28	W 25	WSW 29	WSW 27	WSW 25	WSW 22	WSW 17	WSW 21	WSW 21
17	6.2	SE 0	SSE 0	ESE 0	ESE 0	ESE 0	ESE 8	ESE 9	E 1	ESE 0	ESE 0	SSE 2	SSE 6
18	9.0	ENE 17	ESE 18	E 15	ENE 16	ENE 16	ENE 16	SE 19	SE 15	SE 6	SE 0	SE 2	SSE 5
19	8.1	NE 1	ENE 7	ENE 5	ENE 0	ENE 0	E 0	NE 0	ENE 4	WSW 21	WNW 25	WSW 26	WSW 21
20	14.0	ENE 11	ENE 13	ENE 12	ENE 9	ENE 6	E 3	NE 0	NE 0	ENE 2	SE 14	ESE 14	SE 22
21	20.1	SE 18	S 18	S 20	S 30	S 30	S 26	ENE 10	WNW 12	WNW 15	NW 19	ENE 28	NE 18
22	6.6	SW 10	SSW 12	SSW 6	SSW 8	SW 12	WSW 18	WSW 16	WSW 18	SSW 9	SSE 5	SSE 8	SSW 0
23	7.8	ENE 12	ENE 4	ESE 2	ESE 0	ESE 2	ESE 0	NE 15	NE 23	NNE 26	NE 23	NE 19	NE 13
24	3.9	NE 2	NNE 2	ENE 1	SE 1	SE 0	SE 0	E 1	E 0	E 2	ENE 0	SSE 8	S 7
25	19.2	SW 6	WSW 20	WSW 13	SW 13	SW 10	WSW 16	SW 4	SSW 8	S 12	SSW 16	SSW 24	SSW 21
26	11.9	SW 8	SW 5	SW 10	SW 13	WSW 20	WSW 23	WSW 17	SW 16	SW 15	SW 13	SSW 18	SSW 16
27	13.4	SW 0	SW 6	SW 16	NE 17	NNE 17	NNE 14	NNE 20	NNE 26	NNE 17	NNE 19	NNE 18	NNW 14
28	8.1	NE 12	NE 10	NE 13	NE 14	NE 12	NE 11	NE 10	NE 12	NNE 12	NNE 8	NNE 2	NNE 3
29	11.8	E 18	ENE 16	ENE 13	ENE 14	ENE 15	ENE 17	E 15	E 12	S 13	ESE 16	NE 9	NE 10
30	13.3	ESE 8	ESE 4	SSE 2	SSE 0	S 0	WSW 0	SW 0	SW 0	SW 3	WSW 9	WSW 8	WSW 34

Anmerkung: Wegen Anemometerdefekt sind vom März—Juli die Werte der Windgeschwindigkeit zu gering.

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). März. Säntis.

Tag	12^{30}-13^{30}	13^{30}-14^{30}	14^{30}-15^{30}	15^{30}-16^{30}	16^{30}-17^{30}	17^{30}-18^{30}	18^{30}-19^{30}	19^{30}-20^{30}	20^{30}-21^{30}	21^{30}-22^{30}	22^{30}-23^{30}	23^{30}-0^{30}	Summe
1	SE 6	SE 19	SE 27	E 28	E 24	WSW 30	WSW 13	WSW 14	SE 19	SW 11	NW 17	ENE 4	308
2	SE 23	SE 21	SE 16	ENE 16	E 16	E 20	E 14	E 24	E 24	E 21	E 18	E 17	440
3	SSW 30	SSW 28	SSW 28	SSW 22	SE 11	ENE 2	ENE 1	ESE 0	ENE 0	ENE 2	ENE 5	ENE 13	364
4	SSW 13	SSW 12	S 19	SW 18	SW 22	SW 22	SW 18	WSW 23	WNW 17	NE 11	ENE 16	ESE 21	366
5	SSW 13	S 27	S 16	SE 24	E 18	E 24	ENE 34	SSE 30	E 28	NW 22	NNW 14	NNW 13	583
6	E 2	E 4	ESE 9	SE 13	ENE 3	NE 1	ENE 3	ENE 4	ESE 1	ESE 0	E 0	NE 0	136
7	W 0	W 0	WSW 6	WSW 22	WSW 30	WSW 32	WSW 40	WSW 34	WSW 36	WSW 33	WSW 38	WSW 45	319
8	S 7	S 6	SSW 0	SW 1	SW 0	SW 0	W 0	W 0	W 0	W 0	WSW 0	E 12	233
9	NE 0	NE 0	NE 0	SE 1	SSE 0	SE 2	SSE 1	SSE 5	SSE 3	SSW 3	SSW 3	SW 9	63
10	SSW 4	SSW 7	SSW 0	WSW 4	WNW 11	NNW 14	NNW 20	N 18	N 14	N 8	N 0	NW 0	104
11	E 0	E 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 1	ENE 0	ENE 0	ENE 0	ENE 1	ESE 6	10
12	SSE 1	S 3	SSW 12	SSW 10	SSW 10	SSE 9	NNE 13	NNE 10	NNE 8	NNE 10	NNE 1	NNE 17	190
13	E 0	SE 1	ESE 0	ESE 0	ENE 5	NNE 9	NNE 8	NNE 15	NNE 14	NNE 15	NNE 15	NNE 18	256
14	ENE 5	ENE 0	E 2	ESE 5	ENE 6	E 6	E 0	NE 3	ENE 0	S 8	SSW 18	SSW 27	237
15	SSW 21	SSW 15	WNW 24	WNW 20	SSW 16	SW 11	WSW 5	WSW 5	WSW 3	WSW 1	W 3	WNW 0	377
16	SSW 14	SSW 13	SSW 13	SSW 1	E 0	E 6	ESE 14	ESE 16	ESE 8	NE 5	NNW 11	NNW 15	212
17	NE 0	E 0	SSE 1	SE 1	SE 1	ESE 0	SE 0	SE 0	SSE 0	SW 0	SW 0	SW 0	9
18	S 0	SSW 0	WSW 1	WSW 6	WSW 1	W 1	S 2	E 4	NE 4	NE 3	NE 1	ENE 1	73
19	SSW 6	SSW 16	SSW 21	SSW 17	SW 22	WSW 20	WSW 20	WSW 15	WSW 15	SSW 21	SSW 27	WSW 29	249
20	WSW 2	WSW 4	WSW 3	WSW 1	WSW 1	WSW 1	WSW 0	WSW 7	WSW 3	WSW 0	WSW 0	WSW 0	358
21	W 0	NW 0	NNW 0	NNW 0	NNW 1	NNE 4	NNE 3	NE 1	NNW 7	NNE 8	NNW 20	NNW 19	64
22	NNE 17	NNE 11	NNE 3	NE 2	NNE 23	NNE 28	NNE 32	NNE 28	NE 26	ENE 20	ENE 18	ENE 18	589
23	ENE 20	ENE 15	ENE 13	ENE 22	ENE 20	ENE 24	E 26	E 24	E 28	ESE 30	ESE 32	SSW 38	446
24	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	E 1	NNW 0	W 1	WSW 0	WSW 0	W 9	173
25	W 19	WNW 27	WNW 32	WNW 30	WNW 30	WNW 28	WNW 22	WNW 24	NW 20	NNW 22	NNW 12	NW 24	573
26	NW 1	NW 6	NW 8	NW 9	NW 7	NW 5	NW 9	NW 6	NW 1	NW 0	NW 1	WNW 4	130
27	SW 18	SSW 22	SSW 26	SW 23	WSW 24	WSW 33	WSW 28	WSW 32	WSW 33	WSW 34	WSW 29	WSW 25	421
28	WSW 34	WSW 36	WSW 30	WSW 40	WSW 42	WSW 48	WSW 56	WSW 48	WSW 40	WSW 36	WSW 41	WSW 49	865
29	SW 30	SW 26	WNW 28	WNW 24	WNW 40	WNW 30	NW 42	NW 44	NW 36	NW 36	NW 32	NW 33	775
30	SW 21	WSW 34	WSW 46	WSW 56	WSW 56	WSW 47	SW 26	WSW 24	WSW 27	WSW 50	WSW 54	WSW 68	787
31	WSW 30	SSW 26	SSW 7	SW 16	SW 17	SW 28	SSW 21	SSW 23	SSW 18	SSW 25	SSW 29	SSW 24	768

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1	SSW 20	SSW 20	SSW 17	SSW 25	SSW 21	SSW 22	S 27	ESE 26	E 39	ESE 33	ESE 44	ESE 30	812
2	WSW 46	WSW 36	WSW 30	WSW 19	WSW 26	WSW 23	WSW 23	WSW 15	W 10	WSW 1	WSW 0	WSW 0	571
3	WSW 12	WSW 16	WSW 14	WSW 17	SW 13	SSW 16	S 14	SSE 12	SSE 15	SSE 15	SSW 14	WSW 21	194
4	SSE 15	SSE 19	SSE 16	SSE 14	SSE 15	SSE 10	SSE 8	S 2	WSW 19	WSW 26	W 22	W 2	305
5	SE 8	ESE 10	SSE 11	SSE 15	SSW 8	SSW 7	SSW 8	SSW 4	SSE 0	S 0	SSW 0	SSW 1	256
6	WSW 16	WSW 18	WSW 17	WSW 23	WSW 28	WSW 26	WSW 24	WSW 27	WSW 15	WSW 12	WSW 11	WSW 6	405
7	SE 7	SSE 1	SSE 3	SSE 5	SSE 1	SE 0	ENE 3	ESE 7	SE 14	SE 15	SSE 13	SSE 14	134
8	SSE 24	S 24	SW 24	SSE 28	SE 17	ESE 17	ENE 18	ENE 23	ENE 27	ENE 32	NW 24	WNW 15	504
9	SE 19	SE 20	NE 24	ESE 27	SE 20	SE 16	SE 24	SE 34	ENE 32	SE 38	W 28	W 22	759
10	SE 1	W 13	NW 18	NE 33	SE 34	SSE 25	SSE 27	SSE 33	SSE 36	SSW 52	SSW 46	SSW 42	448
11	SSE 0	SW 2	WSW 9	WNW 15	W 17	W 5	W 1	W 0	WSW 0	SSW 0	S 0	SSE 0	296
12	SSW 14	SSW 14	SSW 17	SSW 16	SSW 13	SSW 12	SSE 7	S 11	SW 16	SSW 18	SSW 20	SSW 23	253
13	SSE 8	S 22	S 24	S 23	S 11	SE 24	S 24	NE 14	ENE 16	ENE 18	SE 16	S 29	416
14	NE 7	NE 1	ENE 0	ENE 0	ESE 3	E 5	ENE 3	E 7	ESE 22	SE 23	W 23	WNW 26	487
15	SW 0	WSW 6	WSW 8	WSW 2	WSW 1	WSW 9	WSW 16	W 22	WSW 22	WSW 26	WSW 24	WSW 36	298
16	SW 5	SW 0	SW 0	SW 0	SW 0	SSW 0	SSW 0	S 0	E 0	E 0	ESE 0	ESE 0	310
17	S 14	S 8	SSE 5	SSE 9	ENE 5	ENE 9	ENE 12	ENE 14	NE 3	NE 10	ENE 18	NE 17	150
18	S 9	SSW 17	SW 11	SW 1	SW 1	WSW 3	WSW 2	WNW 3	WNW 6	NW 8	NNW 6	NNE 5	217
19	WSW 17	SW 4	SW 4	SW 3	WSW 0	WSW 0	NW 3	NW 3	NW 1	NNE 14	NE 18	NE 18	195
20	SSE 34	SSW 30	SSW 28	SSW 16	SSW 12	SW 17	SW 12	W 18	WSW 14	SSE 13	SE 18	E 18	336
21	ENE 23	ENE 27	W 32	NE 38	NE 10	NNW 2	SW 12	SW 14	SW 18	SW 20	SW 24	SW 18	482
22	SSW 8	SSW 5	SSW 3	S 0	S 0	SW 0	SSW 0	E 0	NE 0	NE 0	ENE 4	ENE 16	158
23	NE 10	NE 13	ENE 12	NE 1	NE 0	NNE 1	NNE 4	ESE 2	ENE 0	ENE 0	ENE 0	NE 4	186
24	SSW 6	SW 10	SW 8	SSW 4	S 4	SSW 0	SSW 3	SW 6	WSW 3	SW 7	WSW 13	WSW 6	94
25	SSW 27	SW 24	SW 24	SW 26	SW 30	SW 27	SW 28	WSW 24	WSW 23	WSW 34	WSW 18	WSW 14	462
26	SSW 16	SSW 12	SSW 16	SSW 18	SW 14	SW 15	SW 8	SW 7	SW 6	SW 0	SW 0	SW 0	286
27	NNW 11	NNE 12	NNE 2	SW 2	W 7	NNE 18	NE 15	NE 10	NE 18	NE 17	NE 12	NE 14	322
28	NNE 2	NE 9	NE 4	NE 7	ENE 9	ENE 10	ENE 4	NE 0	ENE 2	ENE 4	E 10	E 14	194
29	NE 12	NE 7	ENE 2	SE 3	SE 20	ESE 5	NE 11	NE 12	NNE 12	SE 12	SE 11	ESE 7	282
30	WSW 26	WSW 25	WSW 19	WSW 22	WSW 31	WSW 31	WSW 24	WSW 14	WSW 18	WSW 16	WSW 10	WSW 15	319

Mai 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	7.5	WSW 11	SW 9	SW 11	SSW 5	SW 0	SW 2	WSW 7	WSW 10	WSW 5	SW 0	SW 0	SW 5
2	1.6	NNW 5	N 0	N 2	N 3	NE 4	SE 10	SSE 1	SE 0	SE 1	SE 0	SE 0	SE 0
3	17.3	SSW 8	S 8	S 12	S 12	S 16	S 13	SW 23	SW 20	WSW 15	WSW 14	WSW 17	SSW 8
4	13.5	SW 22	SW 20	WSW 18	WSW 20	WSW 26	W 20	NW 24	NW 15	WNW 5	WNW 1	WSW 0	SSE 3
5	24.2	WSW 18	WSW 14	SSW 12	SSW 19	SSW 6	SSW 6	SSW 14	SSW 17	SE 19	SSW 30	S 28	SSW 25
6	25.5	WSW 24	W 19	W 14	WSW 8	SW 2	SSW 10	SW 21	WSW 20	SSW 30	SW 24	NW 32	SSW 26
7	14.2	SE 30	ESE 30	SW 40	WSW 27	SE 17	SE 13	ENE 23	E 9	WNW 1	WNW 0	SE 1	N 0
8	18.2	SW 11	WSW 13	W 15	W 20	W 15	W 18	WSW 20	WSW 22	WSW 33	WSW 35	WSW 29	SSW 13
9	4.1	SW 9	SW 0	SW 0	SW 0	SW 0	SE 0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0
10	5.2	NNW 14	NNW 10	NW 7	NW 7	NW 5	NW 2	N 0	NNW 1	NNW 0	NNE 0	N 0	SW 0
11	17.9	WSW 23	SW 20	SW 25	SW 25	WSW 27	WSW 29	WSW 21	WSW 23	WSW 19	SW 16	SW 22	SW 14
12	23.5	SSW 18	WSW 30	W 28	W 12	W 6	W 0	WSW 0	WSW 9	WSW 25	WSW 22	WSW 20	WSW 24
13	14.2	WSW 18	WSW 19	WSW 16	WSW 18	WSW 18	WSW 16	WSW 8	WSW 19	WSW 9	SSW 2	SSE 3	E 3
14	9.4	SSW 4	SW 6	SSW 4	S 0	SSE 5	SSE 6	SSE 0	S 1	ESE 2	SSE 2	SSE 4	SSE 4
15	7.9	NNE 6	NE 10	ENE 7	ENE 7	ENE 6	ENE 4	NE 6	NE 7	NNE 15	NNE 15	NNE 19	NNE 14
16	8.9	SSE 2	S 1	SSW 0	SE 3	NNE 6	NNE 0	WNW 4	WNW 28	WNW 32	WNW 30	WNW 26	NW 28
17	0.1	NW 0	WNW 0	WSW 0	W 0	WNW 0	WNW 0	W 0	W 0	W 0	W 0	WSW 0	SSW 0
18	6.8	W 0	NW 4	WNW 11	NNW 10	NNW 15	NNW 14	NW 10	NNE 11	NNE 6	NE 4	N 0	NW 0
19	12.8	N 0	NNW 0	NNW 12	NNE 15	NNE 19	NNE 17	NE 19	ENE 10	ENE 5	ESE 3	ESE 1	SW 1
20	9.5	NNE 19	NNE 15	NNE 16	NNE 14	NNE 16	NNE 16	NNE 16	NNE 5	NNW 1	NNW 0	NNE 0	NNE 0
21	4.2	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	ENE 0	NE 6	ENE 1	ESE 1
22	6.2	S 24	SSW 26	S 24	S 20	S 13	SE 7	ENE 3	ENE 1	NE 0	NE 0	NE 0	NE 1
23	12.7	NNE 0	N 0	N 0	N 2	NNE 9	NE 3	NNE 0	NW 0	NNW 2	NNW 1	NNW 1	ENE 1
24	34.1	SSE 23	S 25	SSE 30	SSE 30	SSE 22	SSE 20	WSW 17	WSW 12	WSW 21	WSW 22	WSW 34	WSW 68
25	13.5	NW 28	WNW 42	WNW 30	WNW 22	E 8	SSE 4	WSW 22	W 17	NE 16	WSW 17	WSW 20	WSW 16
26	2.3	E 0	SE 13	SW 4	SW 8	SSE 3	SE 8	SW 5	SW 3	SW 5	SW 0	SW 1	SW 1
27	7.2	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 1	N 7	N 2	N 0	N 0	N 0	NNW 5
28	12.7	NNE 25	NE 15	NNE 18	NNE 15	NNE 12	NNE 9	NE 9	NE 19	NE 17	ENE 11	ESE 11	NE 6
29	12.9	NE 12	NNE 12	NE 11	NE 13	NE 10	NE 13	ENE 9	ENE 10	ENE 14	ENE 17	ENE 13	NE 18
30	9.0	SSW 17	S 19	SSW 17	SSW 7	SSW 0	SSW 4	NE 5	NE 7	NE 2	NE 3	NE 0	NNE 1
31	10.2	NNE 12	NNE 7	NNE 10	NNE 10	NNE 12	NNE 11	NE 17	E 11	SW 12	NE 6	NE 9	E 8

Juni.

1	4.7	E 14	ESE 8	ESE 6	SSE 5	SE 0	ESE 0	NE 7	NE 1	NNE 1	NW 0	SW 0	SW 0
2	8.9	NW 18	NW 16	WNW 12	WNW 12	WNW 10	NW 8	WNW 9	WNW 0	WNW 0	NW 0	NW 0	SSE 0
3	15.4	WNW 15	NNW 11	NW 13	WNW 11	WNW 20	WNW 16	WSW 12	WSW 10	WSW 7	SW 17	W 26	W 16
4	15.3	NW 12	NW 14	NW 11	NW 15	NNW 22	NNW 23	WSW 21	W 20	WSW 18	W 20	W 18	WNW 22
5	12.0	WSW 10	SW 7	SW 5	WSW 8	WSW 5	SSW 3	NNE 4	NNE 22	NNE 21	NE 15	NE 10	NE 14
6	7.0	E 13	ENE 12	ENE 13	ESE 14	SW 11	WNW 11	ENE 12	WNW 23	E 18	NW 3	NW 1	NW 1
7	2.2	E 5	E 0	E 4	E 0	ENE 2	ENE 12	NE 16	ENE 10	ENE 3	NW 0	NNW 0	NW 0
8	4.2	NW 4	NNW 7	NNW 1	NNE 9	NNE 9	NNE 12	NNW 2	NNW 2	N 0	N 0	NNW 0	SSW 0
9	9.5	WSW 6	W 7	W 9	W 12	W 10	W 14	SW 10	WSW 0	SSW 4	SW 3	SW 3	WSW 5
10	10.8	SW 15	SW 14	SW 16	SSW 18	SSW 18	SW 21	SSW 7	SSE 10	SSE 6	SW 2	WSW 21	WSW 20
11	17.7	NE 7	NE 4	NE 7	NE 7	NE 7	NNE 10	NE 9	NE 12	ENE 11	ESE 27	ESE 26	NE 18
12	26.6	SE 26	SE 32	SE 26	SSE 24	SSE 26	SSE 30	NE 30	S 28	NE 30	NE 34	ENE 26	NE 34
13	13.2	NE 16	E 14	SE 30	SE 24	SSE 22	S 6	NW 3	NW 6	NW 3	WNW 3	WNW 0	ESE 0
14	19.1	WSW 20	WSW 28	WSW 32	WSW 34	WSW 36	WSW 32	WSW 26	WSW 16	WSW 9	WSW 17	WSW 4	SSW 6
15	34.7	SSW 27	SSW 31	SSW 38	SSW 41	SW 46	SW 53	SW 52	SSW 38	SSW 22	SSW 19	SW 37	WSW 38
16	12.2	W 15	WNW 9	WSW 3	WSW 5	WNW 9	WSW 10	SW 8	WSW 9	SSW 0	W 8	W 9	W 0
17	27.6	NNE 31	NNE 36	NE 26	ENE 20	NW 23	NNW 25	SSW 30	SW 40	NE 30	SSW 42	WNW 57	S 37
18	5.1	WSW 24	WSW 11	WSW 10	WSW 5	WSW 3	WSW 1	WSW 5	WSW 7	WSW 6	WSW 4	WSW 8	WSW 6
19	0.3	W 0	W 0	W 0	WSW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SSW 1	S 0
20	9.8	SE 0	SSE 5	S 5	S 14	S 7	SSW 13	W 14	WSW 12	WSW 13	WSW 11	WNW 6	WSW 12
21	18.8	WSW 10	WSW 10	WSW 20	WSW 20	W 20	WNW 26	WSW 32	WSW 36	WSW 46	WSW 41	WSW 33	WSW 28
22	56.0	W 17	W 5	W 7	WSW 7	WSW 1	S 7	WSW 42	WSW 62	WSW 64	WSW 68	WSW 74	WSW 82
23	27.3	WNW 74	NW 62	NW 48	E 34	ESE 34	ESE 34	WSW 44	WSW 34	WSW 46	WSW 38	WSW 26	WSW 28
24	16.0	WSW 1	ENE 3	ENE 2	ENE 1	ENE 1	NE 0	SW 11	WSW 0	WSW 1	WSW 4	WSW 10	WSW 0
25	17.2	WSW 20	WSW 16	WSW 14	WSW 15	WSW 10	WSW 6	WSW 12	WSW 3	WSW 4	WSW 3	NE 0	SW 2
26	37.1	WSW 31	WSW 27	WSW 28	WSW 28	WSW 32	WSW 48	WSW 66	WSW 60	WSW 55	WSW 55	WSW 52	WSW 44
27	14.2	WSW 38	WSW 42	WSW 34	WSW 22	WSW 11	WSW 15	WSW 13	SSW 0	SSE 0	WSW 3	WSW 19	SW 19
28	9.1	SW 0	SW 2	SW 7	SW 8	SW 11	SW 11	WSW 6	WSW 10	SW 4	SW 1	SSW 0	WSW 3
29	7.1	WSW 14	WSW 16	WSW 3	WNW 7	WNW 12	WNW 3	WSW 0	WSW 1	SW 0	WSW 0	WSW 0	S 2
30	1.5	NNE 0	NNE 4	SE 10	SW 4	NW 4	NW 5	W 1	NE 0	WSW 4	WSW 0	W 0	W 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Mai. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 18	WSW 15	WSW 6	WSW 3	WSW 12	WNW 4	NNW 8	NW 2	NNW 6	NNW 16	NNW 12	NNW 12	179
2	SE 0	E 0	ESE 0	ESE 0	E 0	E 0	E 0	E 0	E 0	E 0	SE 2	SSW 10	38
3	SSW 12	SSW 12	SSW 11	WSW 17	WSW 16	WSW 18	WSW 25	WSW 27	WSW 28	WSW 27	W 31	WSW 26	416
4	SSW 4	SSW 8	SSW 12	SW 14	WSW 12	SW 10	SW 12	SSW 12	SSW 16	SSW 18	SSW 16	SW 16	324
5	SSW 30	SSW 38	SSW 38	S 31	SSW 29	SE 28	S 30	S 24	SW 28	ESE 32	SW 33	WSW 31	580
6	SSW 30	SSW 20	S 14	SE 18	S 19	S 27	S 36	SE 34	ESE 40	ESE 52	S 52	SE 40	612
7	SE 0	SSE 0	SSE 2	WSW 10	WSW 6	ESE 9	ESE 10	S 10	WSW 26	WSW 20	WSW 30	WSW 26	340
8	SW 8	SW 14	WSW 20	WSW 21	WSW 20	WSW 23	WSW 20	WSW 21	WSW 21	WSW 13	WSW 2	WSW 10	437
9	NNW 0	NNW 0	NW 0	NW 0	NW 1	WNW 0	NW 14	NNW 17	NNW 15	NNW 8	NNE 16	NNW 18	99
10	ENE 0	ESE 0	NNE 2	NNE 0	NNE 0	NE 3	SW 6	SSW 9	SW 12	SW 13	SW 3	WSW 30	124
11	SSW 8	SW 14	SSW 10	SSW 8	SSW 4	SSW 7	SW 16	SSW 17	SSE 13	S 19	S 26	S 24	430
12	WSW 34	WSW 31	WSW 25	WSW 28	WSW 16	WSW 34	WSW 33	WSW 37	WSW 36	WSW 39	WSW 31	WSW 25	563
13	SW 8	SW 11	SSW 11	SSW 8	SSW 14	SSW 18	SSW 26	SSW 20	SSW 20	SSW 24	SSW 19	SSW 13	341
14	WNW 14	WNW 26	NW 21	WNW 19	WNW 18	WNW 17	WNW 5	WNW 11	NNW 16	NNW 17	NNW 14	NNW 10	226
15	NE 14	NE 13	NE 1	ESE 0	SE 2	ESE 2	SSE 12	S 10	ESE 0	ESE 2	ESE 6	ESE 12	190
16	NW 22	NW 15	WNW 4	WNW 0	WNW 0	SW 0	W 3	NW 6	NW 3	NW 0	NW 0	NW 0	213
17	SSW 0	SSW 0	S 0	E 0	NW 0	WNW 1	SW 1	N 1	WSW 0	W 0	W 0	W 0	3
18	NE 1	W 2	SW 0	SSW 0	NE 1	NNE 16	NNE 14	NNW 13	NNW 12	NNW 20	N 0	N 0	164
19	NE 0	NE 0	NNW 2	NNE 6	NNE 11	NE 17	NNW 28	NNW 28	NNE 32	NNE 28	NNE 27	NNE 27	308
20	NNE 2	NNE 2	NNE 2	NNE 2	NNE 8	NNE 9	NNE 25	NNE 30	NNE 14	ENE 9	ENE 5	ENE 2	228
21	ESE 1	ESE 1	E 0	NE 0	NE 11	NNE 3	N 8	N 19	NNE 16	SE 2	SSE 14	SE 17	100
22	ESE 1	ESE 8	SE 5	SSE 4	SSE 9	SSE 1	SSE 0	ESE 0	NE 1	NE 0	NE 0	NE 2	150
23	E 0	ESE 1	SE 4	SSE 7	S 27	SSW 26	S 30	S 40	SSE 44	SSE 41	SSE 40	SSE 25	304
24	SW 34	WSW 14	WSW 44	WSW 62	WSW 84	WSW 52	WSW 48	WSW 50	WSW 44	W 16	WNW 16	NW 30	818
25	WSW 17	WSW 17	WSW 18	WSW 5	WSW 5	WSW 4	WSW 1	WSW 3	WSW 8	SW 2	SW 1	SW 2	325
26	WSW 3	W 0	WNW 0	WNW 1	WNW 0	WSW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	NNW 0	55
27	NNE 20	NNE 19	NNE 16	NNE 16	NNE 14	NNE 8	NNE 14	NNE 10	NE 12	NE 10	NNE 8	NNE 11	173
28	NE 6	NNE 7	NE 5	ENE 8	ENE 11	E 8	ESE 15	ENE 14	NE 16	NE 16	NE 18	NE 14	305
29	NE 11	NE 15	NE 13	NE 15	NE 12	NE 16	NE 10	NE 11	NE 13	ENE 16	SE 12	SSE 14	310
30	NE 0	NNE 4	NNE 9	NNE 12	NNE 9	ENE 8	ESE 12	ESE 12	NE 13	NNE 16	NNE 21	NNE 17	215
31	NW 4	SW 0	NNW 1	NNW 2	NNW 5	NE 6	NNE 10	NNE 12	NNE 23	NNE 22	NNE 15	NE 20	245

Juni.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	NNE 1	NNW 0	NNW 1	NW 3	NNE 7	NNE 12	NNE 1	NNE 1	WNW 1	WNW 7	NW 17	NNW 21	114
2	SW 0	SW 1	SE 1	SW 1	WSW 5	WSW 6	SW 17	WNW 19	WNW 25	NW 20	WNW 20	W 14	214
3	WSW 20	WSW 18	WSW 18	WSW 14	W 16	WSW 14	WSW 10	WSW 20	WSW 16	WNW 18	NNW 16	NNW 16	370
4	WSW 18	W 20	ENE 10	WSW 5	SE 10	SW 15	SW 12	SW 9	SW 7	SW 12	WSW 16	WSW 16	366
5	NNE 20	NE 16	NE 12	NE 20	NE 10	NE 9	NE 17	ENE 10	ENE 16	E 18	E 14	E 2	288
6	NW 0	NW 0	WNW 0	NW 0	NW 0	NNW 0	NNE 4	NNE 7	NE 9	NE 8	NE 4	NE 5	169
7	NW 0	W 0	N 0	N 1	N 0	NW 0	S 0	E 0	N 0	N 0	N 0	NNW 0	53
8	WSW 0	WNW 0	WSW 2	WSW 3	WNW 3	W 6	WSW 3	WNW 8	WNW 8	WNW 9	WNW 9	NW 3	100
9	SW 7	WSW 8	SSW 7	SW 7	SW 10	SW 10	WSW 11	WSW 14	SW 15	SSW 16	WSW 20	SW 21	229
10	SW 8	SSE 4	SE 0	SE 0	ESE 0	NNE 2	NNE 7	NNE 14	NE 16	NE 13	NE 15	NE 13	260
11	NE 20	ENE 16	NW 2	NE 12	NE 15	NE 23	ENE 32	SSE 36	NE 30	ENE 33	ESE 31	ESE 30	425
12	NE 25	ENE 15	ENE 19	NE 25	ENE 34	NE 20	NNE 14	NNE 24	NNE 36	NNE 28	NNE 26	NE 26	638
13	WSW 2	SW 10	WSW 11	WSW 11	WSW 13	WSW 16	WSW 25	WSW 29	WSW 21	WSW 19	WSW 16	W 18	318
14	SW 14	WSW 12	WSW 8	SW 4	SW 2	WSW 13	WSW 22	WSW 16	WSW 21	WSW 26	SSW 28	SSW 32	458
15	WSW 29	SSW 5	SW 16	WSW 54	WSW 42	WSW 38	WSW 56	WSW 50	WSW 36	WSW 26	WSW 24	SSW 14	832
16	E 0	SE 1	SSW 20	SW 35	SSW 26	SW 7	SSE 2	S 12	SW 26	SW 20	WSW 24	NW 35	293
17	SSW 50	NE 34	W 24	NNW 24	NW 22	SSE 16	S 2	W 8	WSW 12	W 18	WSW 28	WSW 28	663
18	WSW 10	WSW 2	WSW 6	WSW 6	WSW 7	WSW 2	WSW 0	SW 0	WSW 0	WSW 0	SW 0	W 0	123
19	SSE 1	S 0	S 0	SSW 0	SSW 4	SSW 0	S 0	ESE 0	ENE 0	ENE 0	E 0	ESE 1	7
20	WSW 22	WSW 16	WSW 8	WSW 14	WSW 15	WSW 3	WSW 1	WSW 4	WSW 10	WSW 10	WSW 9	WSW 10	234
21	WSW 24	WSW 17	WSW 12	WSW 5	SW 5	SW 15	SW 14	W 8	W 6	W 4	W 8	W 12	452
22	WSW 78	WSW 74	WSW 72	WSW 72	WNW 78	WSW 82	WSW 80	WSW 68	W 69	WNW 77	WNW 78	WNW 80	1344
23	WSW 25	WSW 17	WSW 12	WSW 30	WSW 8	WSW 13	S 12	ENE 6	W 23	ENE 3	S 3	SW 2	656
24	WSW 2	WSW 9	WSW 15	WSW 28	WSW 38	WSW 28	WSW 34	WSW 40	WSW 43	WSW 37	WSW 39	WSW 37	384
25	SW 11	W 1	WSW 15	WSW 23	WSW 31	WSW 28	WSW 26	WSW 38	WSW 36	WSW 34	WSW 33	WSW 33	414
26	WSW 44	WSW 38	WSW 34	WSW 34	WSW 30	WSW 16	WSW 18	WNW 20	WSW 32	W 29	WSW 31	WSW 38	890
27	SW 26	SW 22	SW 7	WSW 1	W 6	NW 16	NW 13	W 11	W 6	WNW 6	WSW 8	WSW 3	341
28	SW 6	SW 6	SW 9	WSW 11	WSW 14	WSW 6	WSW 6	WSW 14	WSW 18	WSW 24	WSW 22	WSW 20	219
29	WSW 12	SW 8	SSW 5	SW 0	SSW 7	WSW 18	WSW 8	E 10	W 10	W 16	W 8	NNE 10	170
30	E 0	SSE 0	E 0	NW 0	NW 0	NW 0	SW 0	WNW 0	SW 0	SW 0	SW 2	NW 2	36

Juli 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	1.4	W 1	W 0	W 0	W 0	W 1	W 6	NE 2	ENE 4	ENE 8	SE 4	SSE 4	NE 2
2	6.1	SW 0	WSW 7	W 5	WNW 5	NW 14	NNW 17	NNE 16	NNE 10	NE 8	NNW 1	N 1	NNW 0
3	12.7	WNW 12	WNW 8	NW 22	NNW 23	NW 17	E 9	WSW 5	S 10	W 9	WSW 8	SSW 14	SE 17
4	5.8	WSW 6	SW 2	SW 0	SW 0	SW 0	SW 0	W 10	W 0	W 0	WSW 2	SE 1	S 2
5	3.0	WNW 7	WNW 2	W 6	WNW 4	NW 11	NNW 13	NNW 11	NNW 0	NNW 0	NW 0	NW 0	W 0
6	11.9	NNW 0	NNW 0	NNW 0	NW 0	NW 0	NW 0	WNW 0	WNW 0	WSW 0	SW 0	SSW 9	WSW 24
7	18.7	S 17	SE 12	S 14	S 16	E 13	S 11	WSW 20	WSW 18	WSW 16	WSW 26	WSW 32	WSW 18
8	21.8	WSW 27	WSW 32	WSW 33	WSW 33	WSW 32	WSW 38	WSW 38	WSW 32	WSW 30	WSW 21	SW 11	SSW 8
9	12.2	WSW 11	WSW 14	W 25	WSW 22	WSW 18	WSW 33	WSW 19	WSW 9	SW 0	S 0	SSE 0	SE 0
10	10.8	SSE 18	SSE 16	SSE 19	SSE 15	SSE 22	SSW 20	SE 12	SW 9	ENE 13	SE 16	SSE 8	SSE 0
11	14.6	W 60	WNW 60	WNW 35	WSW 19	WSW 2	SW 0	SSE 0	SSE 1	SSW 0	SSE 0	SSW 1	SSW 1
12	15.5	W 17	WSW 7	SW 0	SSW 0	S 0	SSE 1	SSE 0	SSE 0	SSW 2	SW 0	SW 0	SSW 7
13	17.0	WSW 44	WSW 40	WSW 30	SSW 18	SSW 22	SSW 15	SSW 13	SSE 5	SSE 8	SSE 1	S 7	SSW 11
14	30.2	WSW 25	WSW 31	WSW 35	WSW 33	WSW 26	SW 16	WSW 24	WSW 21	WSW 16	WSW 17	SW 9	SSW 2
15	28.5	W 54	W 52	W 48	W 48	W 46	W 42	WSW 48	WSW 46	WSW 44	WSW 36	WSW 29	SSW 19
16	13.9	SW 22	WSW 38	WSW 35	WNW 29	WSW 32	W 30	WSW 28	WSW 17	SW 1	SW 0	SSW 2	SSW 1
17	17.6	SW 20	SW 25	SW 24	WSW 24	SW 23	SW 21	SW 20	SW 12	SW 11	SSW 5	S 8	SSW 13
18	15.3	SSW 24	SW 30	WSW 29	WSW 27	SE 11	WNW 2	WNW 3	WNW 0	WNW 0	WNW 0	NW 0	NNW 0
19	21.5	WNW 16	WNW 22	WNW 22	NW 22	WNW 18	WSW 20	WSW 6	WSW 13	WSW 23	WSW 21	WSW 21	SW 25
20	23.8	WSW 40	WSW 30	WSW 30	WSW 32	SW 24	SW 15	SW 7	SW 2	SW 14	SW 16	SSW 15	SSW 17
21	39.4	WSW 66	WSW 64	WSW 72	WSW 61	WSW 57	WSW 60	WSW 40	WSW 42	WSW 48	WSW 54	WSW 47	WSW 41
22	26.1	WNW 17	NW 14	NW 14	NW 13	WNW 7	WNW 0	WSW 11	WSW 18	SW 21	WSW 23	WSW 32	WSW 25
23	50.4	WSW 38	WSW 41	WSW 39	WSW 39	WSW 41	WSW 46	WSW 44	WSW 32	WSW 34	WSW 24	SSW 14	SSW 24
24	25.8	WNW 36	NW 51	NNW 53	NNW 46	NNW 47	NNW 46	WSW 37	WSW 38	WSW 34	SW 31	SW 18	SW 11
25	5.3	WSW 1	SW 1	SW 0	SW 0	SW 0	WSW 0	WSW 11	WSW 4	WSW 5	SSW 2	SSW 0	SSE 0
26	7.5	SW 1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SW 0	SSW 0	WSW 0	WSW 0	SW 0	WNW 5
27	25.2	WSW 11	WSW 18	WSW 22	WSW 50	WSW 50	WSW 30	WSW 28	WSW 22	WNW 24	WSW 22	WSW 22	WSW 13
28	12.4	WSW 7	WSW 5	WSW 8	WSW 9	WSW 13	WSW 13	WSW 33	WSW 15	WSW 14	WSW 13	WSW 12	WSW 16
29	3.5	ENE 0	ENE 1	SE 0	ESE 0	SE 0	SE 0	SW 0	SW 0	WSW 0	SW 0	SW 0	SSW 0
30	4.5	WSW 0	WSW 12	WSW 8	WSW 0	W 0	W 0	WSW 0	W 0	SW 0	SW 0	SW 0	SW 1
31	19.9	SW 14	SW 23	WSW 29	WSW 30	WSW 32	WSW 26	WSW 34	WSW 18	SW 4	SSW 4	SSW 11	WSW 13

August.

1	31.2	WNW 32	WNW 32	WNW 36	WNW 34	WNW 42	WNW 32	WSW 38	WSW 38	WSW 33	WSW 33	WSW 26	SW 24
2	14.2	WSW 32	WSW 42	WSW 45	WSW 43	WSW 38	WSW 28	SW 32	SW 19	SW 4	SSW 0	S 0	ESE 1
3	4.6	S 0	S 0	WNW 11	NW 11	NNW 6	NNW 9	SSW 11	W 1	SW 0	SSW 5	WSW 17	WSW 11
4	11.3	SE 0	SW 0	WSW 0	W 4	WNW 14	WNW 20	WSW 12	WNW 4	WSW 0	SW 0	SW 0	SW 0
5	22.6	NW 10	NW 8	ENE 16	ESE 22	ESE 26	ESE 28	WSW 28	WSW 30	WSW 26	WSW 22	WSW 20	WSW 8
6	23.1	NNE 28	NE 30	ENE 40	ENE 30	ENE 30	ENE 25	WSW 26	WSW 35	WSW 34	WSW 30	WSW 34	WSW 24
7	8.7	NW 14	NW 30	NW 14	WNW 22	NW 12	NW 0	WSW 12	WSW 10	W 12	WSW 7	WNW 1	W 4
8	3.0	NNW 0	N 0	N 0	N 0	N 0	N 0	WSW 10	WSW 0	WSW 3	SSW 4	WNW 1	W 0
9	28.9	SW 25	SW 24	SSW 23	SSW 25	SSW 25	SSW 24	WSW 24	WSW 27	WSW 35	WSW 36	WSW 60	WSW 44
10	6.5	NNW 14	NNW 7	NNW 8	NNW 4	NNW 8	NNW 3	WNW 8	WNW 3	W 3	W 0	W 0	NW 3
11	12.0	NNE 14	NNE 20	NE 22	NE 26	ENE 20	E 25	NE 27	ENE 28	ENE 28	NE 24	NE 22	ENE 18
12	6.9	E 0	ESE 0	S 0	S 0	SSW 0	SSW 0	SW 0	S 0	SE 0	SE 0	SE 0	NE 3
13	20.8	SSE 20	SSW 24	SSW 26	SSW 18	SSW 23	SSW 27	WSW 18	WSW 29	WSW 33	W 37	W 39	WSW 28
14	4.6	NW 16	NW 11	NW 3	NW 5	NW 1	NW 0	NE 0	NE 0	NE 0	NW 0	NW 0	NW 0
15	37.1	SW 17	SW 22	WSW 30	WSW 34	WSW 40	WSW 42	WSW 48	WSW 56	WSW 50	WSW 52	WSW 54	WSW 56
16	34.3	WSW 23	WSW 25	WSW 32	WSW 34	WSW 38	WSW 39	WSW 39	WSW 34	SW 32	SSW 28	SSW 26	WSW 28
17	52.0	WSW 66	WSW 54	WSW 58	WSW 60	WSW 56	WSW 64	WSW 60	WSW 57	WSW 54	WSW 59	WSW 60	WSW 54
18	46.8	WNW 52	WNW 50	WNW 60	WNW 60	WNW 56	NNW 58	WSW 62	SW 64	SW 54	SW 66	SW 66	SW 60
19	45.0	W 42	W 35	W 41	W 40	W 52	WNW 52	WSW 42	WSW 44	WSW 37	WSW 59	WSW 64	WSW 56
20	26.5	WSW 38	SW 34	SW 36	SSW 38	SSW 38	SSW 42	WSW 33	SW 31	SW 21	SSW 22	SSW 18	SSW 20
21	9.8	NW 7	NW 2	NW 1	NW 2	NW 12	NW 3	W 5	W 0	W 0	W 1	W 1	W 2
22	16.8	WSW 26	WSW 29	WSW 25	WSW 24	W 22	W 24	WSW 26	WSW 22	WSW 16	SW 14	SW 8	SW 8
23	12.3	SE 12	SE 12	SSE 20	SSE 16	SE 4	SE 1	SSE 2	SE 5	SSE 5	S 11	S 8	SSW 8
24	32.2	WSW 20	WSW 40	WSW 50	WSW 48	WSW 31	SW 25	WSW 34	WSW 34	WSW 37	WSW 23	SSW 12	SSE 10
25	32.0	WSW 36	W 58	W 33	WNW 22	W 21	WSW 28	WSW 39	WSW 33	WSW 26	WSW 26	WSW 28	WSW 36
26	39.9	WSW 44	WSW 46	WSW 42	SW 40	WSW 52	WSW 56	WSW 68	WSW 46	WSW 40	SW 45	WSW 34	WSW 33
27	31.7	W 30	W 36	W 34	W 40	W 42	W 30	WNW 26	WNW 22	WSW 30	WSW 34	WSW 40	SW 41
28	45.4	SW 43	SSW 46	SW 50	SW 50	WSW 52	SW 56	SW 58	SW 56	WSW 44	SW 48	SW 44	SW 42
29	29.8	WSW 46	WSW 44	WSW 46	SW 44	SSW 30	WSW 32	WSW 28	WSW 29	SW 41	SW 34	SSW 42	WSW 36
30	8.4	NW 18	WNW 10	WNW 20	WNW 12	NW 10	NW 5	NNW 17	NNW 22	N 17	NNW 10	NNW 3	NW 2
31	37.2	NNW 1	NNW 11	NNW 18	N 18	NNW 19	NNW 29	WSW 31	WSW 35	WSW 40	SW 38	SW 46	WSW 48

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **Juli.** **Säntis.**

Tag	12^{30}-13^{30}	13^{30}-14^{30}	14^{30}-15^{30}	15^{30}-16^{30}	16^{30}-17^{30}	17^{30}-18^{30}	18^{30}-19^{30}	19^{30}-20^{30}	20^{30}-21^{30}	21^{30}-22^{30}	22^{30}-23^{30}	23^{30}-0^{30}	Summe
1	E 0	E 0	NNW 0	NW 0	W 0	SE 0	SW 0	W 0	W 0	W 0	SW 0	WSW 2	34
2	NNW 0	NW 0	NW 0	W 4	WNW 7	WNW 7	WNW 8	NW 6	NW 3	NW 13	WNW 9	WNW 5	146
3	WNW 16	SW 14	E 9	NW 7	WSW 9	ENE 17	ENE 18	ESE 12	W 22	SE 10	WSW 10	WSW 7	305
4	SW 4	SW 8	W 10	SW 4	ENE 8	W 8	W 9	NE 11	NNW 18	ESE 16	NW 14	NW 6	139
5	WNW 0	W 0	WNW 0	WNW 0	WNW 0	WNW 0	NW 0	NNW 9	NNE 5	NNE 0	NNE 0	NNE 4	72
6	WSW 25	WSW 26	NW 21	NW 26	SW 19	WSW 21	WSW 15	WSW 20	WSW 23	ESE 17	WSW 20	NW 19	285
7	WSW 21	WSW 21	WSW 18	WSW 14	WSW 16	WSW 16	WNW 20	WNW 20	W 20	W 19	WSW 25	WSW 25	448
8	SW 10	WSW 20	WSW 14	WSW 18	WSW 8	WSW 4	SW 2	WSW 6	WSW 18	W 26	WSW 33	SW 29	523
9	ESE 0	ESE 0	ESE 5	SSE 22	SSE 20	S 14	S 8	SSE 14	SSE 14	SSE 12	SSE 13	SSE 19	292
10	SSE 2	SE 1	S 0	SSE 0	SSE 1	SSW 11	SW 11	SW 8	SSW 8	SSW 15	SW 6	WSW 23	260
11	SSW 0	SSW 0	SSW 0	SSW 1	WSW 2	W 13	W 25	WNW 24	W 23	W 27	WNW 24	W 32	350
12	SW 8	WSW 12	WSW 16	WSW 18	W 18	WNW 24	WNW 34	W 34	WSW 38	WSW 42	WSW 46	WSW 48	372
13	SSW 10	SSW 10	SSW 10	SSW 12	SW 18	WSW 24	WSW 20	WSW 31	WSW 33	WSW 26	WSW 0	WSW 0	408
14	W 11	W 20	WSW 16	WSW 24	WSW 40	WSW 44	WSW 46	WSW 40	W 64	W 60	W 52	WSW 54	726
15	SSW 11	SSW 19	WSW 20	WSW 18	W 11	WSW 13	WSW 8	WSW 12	WSW 16	WSW 10	WSW 11	WSW 23	684
16	SSW 2	SSW 3	W 12	WNW 9	WSW 6	WSW 8	WSW 5	WSW 10	SSE 8	SSW 6	SSW 14	SSW 15	333
17	SSW 12	SSW 14	SSW 12	SSW 13	SSW 10	SSW 16	SSW 25	S 23	SSW 30	SW 24	SW 19	S 19	423
18	SSW 11	SW 8	SSW 13	WSW 19	WSW 23	WSW 32	WSW 34	W 15	W 19	WSW 20	WNW 24	WNW 24	368
19	SSW 22	SSW 19	SSW 22	WSW 24	WSW 22	WSW 24	WSW 26	WSW 26	WSW 24	WSW 30	WSW 26	WSW 22	516
20	SSW 21	SSW 19	SSW 13	SSW 10	SSW 15	SSW 26	SSW 22	SSW 22	WSW 34	WSW 41	WSW 47	WSW 58	570
21	WSW 44	WSW 32	WSW 36	WSW 26	WSW 19	WSW 19	W 21	W 23	WSW 26	SW 20	W 12	WNW 16	946
22	SW 17	SW 18	WSW 30	WSW 38	WSW 44	WSW 42	WSW 41	WSW 41	WSW 42	WSW 46	WSW 40	WSW 32	626
23	WSW 37	WSW 45	WSW 70	WSW 64	WSW 78	WSW 78	WSW 72	WSW 72	WSW 88	WSW 84	WSW 70	WSW 36	1210
24	SW 13	SSW 11	SSW 6	WSW 10	WSW 16	WSW 19	WSW 19	WSW 20	WSW 19	WSW 21	WSW 15	WSW 3	620
25	SW 0	SW 1	SW 3	SW 14	WSW 12	WSW 22	WSW 24	WSW 12	WSW 11	WSW 5	WSW 0	SW 0	128
26	WSW 4	W 13	WSW 9	WSW 10	WSW 23	WSW 29	WSW 24	WSW 28	WSW 12	WSW 8	WSW 12	WSW 3	181
27	WSW 12	WSW 19	WNW 22	WSW 37	S 33	WSW 32	WSW 34	WSW 27	WSW 21	WSW 22	WSW 20	WSW 14	605
28	WSW 24	WSW 18	WSW 24	WSW 20	WSW 17	WSW 6	WSW 3	WSW 8	WSW 5	WSW 6	WSW 2	WSW 6	297
29	SW 0	SW 0	SW 1	WSW 8	WSW 11	WSW 18	WSW 8	WSW 16	WSW 15	WSW 5	WSW 0	W 0	83
30	SW 1	SW 2	WSW 12	WSW 16	WSW 20	WSW 13	WSW 5	WNW 8	WNW 3	W 6	W 1	WSW 0	108
31	WSW 20	WSW 30	WSW 26	WSW 18	W 17	WNW 11	WNW 10	WNW 8	NW 22	NW 20	NW 22	WNW 36	478

August.

1	SW 22	SW 24	WSW 26	WSW 22	WSW 24	WSW 26	WSW 30	WSW 35	WSW 33	WSW 35	WSW 39	WSW 34	750
2	SE 10	SE 6	SSE 1	SSE 7	SE 2	ESE 4	E 1	E 6	SW 7	E 4	ENE 4	E 5	341
3	WSW 1	WSW 10	WSW 10	WSW 5	WSW 3	W 0	W 0	W 0	S 0	S 0	S 0	SSW 0	111
4	WSW 0	WSW 9	WSW 15	WSW 20	NE 34	WSW 25	SW 17	SW 18	WSW 20	WSW 22	W 23	W 15	272
5	WSW 16	WSW 26	WSW 18	WSW 20	WSW 18	WSW 28	W 34	W 30	W 20	WSW 22	NNE 38	NNE 28	542
6	WSW 18	WSW 18	WSW 14	WSW 22	WSW 16	SW 14	SW 6	ESE 8	SW 28	S 10	WNW 25	NW 9	554
7	WSW 11	WNW 11	WSW 9	WSW 8	WSW 1	WSW 4	W 10	NNW 5	NNW 12	NNW 0	NE 0	N 0	209
8	W 0	W 0	W 0	W 1	W 0	W 5	W 11	W 4	W 1	W 7	W 8	WSW 18	73
9	WSW 44	WSW 46	WSW 34	WSW 30	WSW 30	WSW 20	WNW 32	NW 18	NW 17	NE 19	NNW 10	NNW 21	693
10	NW 2	NW 11	N 13	NNW 12	NNW 0	NW 10	NNW 7	NNW 12	NNW 5	NNW 6	N 13	NNE 3	155
11	ENE 14	ENE 1	ENE 0	E 0	ESE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	289
12	ESE 0	SE 2	ESE 4	ESE 1	SSE 13	SSE 8	SSE 12	SSW 22	SSW 28	SSW 26	SSW 16	SSW 30	165
13	W 18	W 22	ESE 18	ESE 9	W 16	ENE 27	WNW 11	E 5	W 4	W 14	WNW 21	NW 13	500
14	WNW 0	WNW 2	WSW 0	SW 3	SW 4	SW 1	WSW 6	WNW 11	WSW 11	WNW 12	SW 11	SW 14	111
15	WSW 46	WSW 44	WSW 36	WSW 32	WSW 28	WSW 28	WSW 30	WSW 36	WSW 30	WSW 29	WSW 27	WSW 24	891
16	WSW 25	WSW 41	WSW 28	W 30	W 32	WSW 44	WSW 48	WSW 46	WSW 42	SW 42	SW 28	SSW 40	824
17	WSW 58	WSW 54	WSW 43	WSW 40	WSW 37	WSW 31	W 30	WNW 45	W 46	WNW 56	WNW 54	WNW 52	1248
18	SW 59	SW 41	SW 58	SW 60	SW 46	WSW 36	WSW 38	SW 18	SW 4	SE 12	SW 18	WSW 26	1124
19	WSW 56	WSW 52	WSW 52	WSW 56	WSW 52	WSW 50	W 46	W 34	WSW 26	WSW 30	WSW 31	WSW 31	1080
20	SW 25	SW 28	WSW 28	WSW 26	WSW 27	WSW 30	WSW 29	W 22	WNW 22	NW 13	NW 7	NW 8	636
21	SSW 2	WSW 4	SW 9	SW 10	SW 14	WSW 19	W 16	W 20	WSW 23	WSW 27	WSW 27	SW 29	236
22	SW 10	SW 13	SSW 15	SSW 15	SSW 11	SW 10	SW 15	SSW 23	SSW 15	SW 7	SSE 11	SSE 15	404
23	SSW 10	SSW 14	SSW 12	SSW 12	WSW 6	S 5	S 11	S 8	W 22	WSW 36	WSW 32	SW 22	294
24	SSW 8	SSW 7	SW 12	W 23	W 34	WSW 58	WSW 52	WSW 48	WSW 50	WSW 46	W 34	W 36	772
25	WSW 34	WSW 31	WSW 28	WSW 27	WSW 27	WSW 29	WSW 34	WSW 33	WSW 33	WSW 36	WSW 34	WSW 36	768
26	WSW 32	WSW 40	WSW 46	WSW 39	WSW 41	WSW 39	WSW 41	W 34	WNW 28	WNW 22	WNW 26	W 24	958
27	WSW 38	WSW 43	SW 29	SW 26	SW 18	SSW 14	SSW 21	SW 21	SSW 28	SSW 37	SW 42	SW 39	761
28	SW 44	SW 42	SW 44	SW 45	SSW 38	SW 47	WSW 47	WSW 25	W 24	WSW 34	WSW 52	WSW 58	1089
29	WSW 36	WSW 22	W 21	WNW 33	WNW 26	WNW 26	WSW 20	SW 23	NNW 22	NW 18	NW 5	NNW 12	716
30	NW 5	NNW 13	NNW 7	NW 1	NW 2	NNW 8	NW 8	NNW 3	NNW 1	NNW 2	NNW 3	NNW 13	202
31	WSW 46	WSW 41	WSW 43	WSW 48	WSW 50	WSW 50	WSW 49	WSW 51	WSW 50	WSW 42	WSW 44	WSW 44	892

September 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	36.9	WSW 46	WSW 46	WSW 58	WSW 46	WSW 48	WSW 58	WSW 46	WSW 40	WSW 52	WSW 44	WSW 52	WSW 37
2	33.7	WSW 23	WSW 11	WSW 14	WSW 14	WSW 24	W 30	WSW 24	W 30	SW 38	SSW 25	WSW 29	SW 34
3	39.0	WSW 42	WSW 45	WSW 42	WSW 56	WSW 50	WSW 36	WSW 30	WSW 44	WSW 40	WSW 38	SW 34	SSW 34
4	36.3	WSW 42	WSW 42	WSW 46	WSW 52	WSW 54	WSW 58	WSW 50	WSW 46	WSW 44	WSW 46	SSW 24	SSW 14
5	17.4	WSW 32	WSW 28	WSW 22	WSW 24	WSW 22	WSW 30	WSW 34	WSW 36	WSW 36	WSW 26	S 0	S 0
6	32.3	WNW 14	W 17	WSW 43	WSW 36	W 30	WSW 31	WSW 25	WSW 43	W 37	W 38	WSW 44	WSW 50
7	15.0	SW 24	SW 24	SW 30	WSW 28	WSW 22	WSW 24	SW 25	SW 12	SSW 16	SSW 20	SSW 7	SSE 1
8	36.7	WSW 20	WNW 29	WSW 17	SSW 24	SSW 17	WSW 17	WSW 34	WSW 44	WSW 25	W 14	WSW 19	W 56
9	39.2	WSW 40	WSW 44	WSW 30	WSW 26	W 32	WNW 40	WSW 50	WSW 40	WSW 44	WSW 36	WSW 26	WSW 40
10	37.9	SW 62	SW 59	SW 57	WSW 62	SW 68	SW 72	SW 70	WSW 48	WSW 40	SW 33	SW 29	SW 28
11	61.4	WSW 52	WSW 48	WSW 76	WSW 78	WSW 60	WSW 54	WSW 52	WSW 48	WSW 44	WSW 38	WSW 52	WSW 88
12	59.5	WSW 56	SW 70	WSW 60	WSW 58	WSW 66	W 56	WSW 70	WSW 66	WSW 58	WSW 56	WSW 70	WSW 62
13	42.7	WSW 31	WSW 28	WSW 44	WSW 48	WSW 50	WSW 45	WSW 69	WSW 49	WSW 45	WSW 40	WSW 50	WSW 20
14	35.3	WSW 46	WSW 46	WSW 42	WSW 28	WSW 27	WSW 29	SW 30	SW 27	SW 22	WSW 21	WSW 21	WSW 16
15	25.6	WSW 56	WSW 60	WSW 60	WSW 60	WSW 44	WSW 44	WSW 40	WSW 32	WSW 26	SW 24	SW 20	SW 20
16	10.5	SW 12	SW 8	WSW 10	WSW 15	WSW 16	WSW 17	SW 9	SW 7	SW 7	SW 11	SSW 10	SSW 4
17	20.7	WSW 27	SW 27	WSW 32	WSW 36	WSW 40	WSW 34	WSW 24	WSW 17	WSW 17	WSW 20	WSW 8	WSW 14
18	16.5	WSW 22	SW 6	SW 16	SW 23	WSW 31	WSW 23	SW 15	SSW 6	S 4	SW 9	SSW 6	S 1
19	30.3	WSW 38	WSW 44	WSW 32	SSW 12	SSW 14	SW 40	SW 36	SSW 27	WSW 33	WSW 26	SSW 25	SW 21
20	20.5	SW 11	SSW 18	SW 21	SW 17	SW 23	SW 44	WSW 34	WSW 21	SW 3	SE 4	NW 8	WSW 4
21	55.4	SW 25	SW 36	SW 42	SW 48	SW 52	SW 56	SW 60	SW 60	SW 60	SW 58	SW 54	SW 53
22	29.8	SSW 32	SSW 42	SW 25	SW 14	SW 25	SW 40	SSW 28	SSW 10	S 3	SSW 21	S 4	SSE 8
23	33.9	WSW 46	WSW 52	WSW 64	WSW 62	WSW 50	WSW 40	WSW 46	WSW 48	WSW 40	WSW 44	WSW 14	WSW 40
24	11.7	W 12	ENE 12	ENE 12	ENE 11	E 12	E 11	E 24	ESE 20	ENE 14	SW 18	S 22	SSE 11
25	23.4	W 18	WNW 22	NW 16	NNW 25	NW 17	NNW 40	SE 44	SE 46	S 60	SSW 48	SW 21	SW 28
26	16.3	SW 9	SW 7	SW 11	SW 19	SW 22	WSW 20	WSW 26	WSW 27	WSW 21	WSW 20	SW 14	SSW 8
27	25.4	SW 26	SW 20	SW 21	SW 19	SW 12	SW 19	SW 22	SW 14	SW 10	SW 7	WSW 12	WSW 24
28	29.5	WSW 27	WSW 32	WSW 29	WSW 29	WSW 26	SW 19	WSW 23	WSW 26	WSW 27	WSW 23	WSW 24	WSW 25
29	31.2	WSW 26	WSW 26	WSW 24	WSW 30	WSW 32	WSW 36	WSW 28	WSW 36	WSW 46	WSW 54	WSW 48	WSW 48
30	22.0	SW 22	SW 21	SW 7	SSW 20	SW 21	SW 31	SW 25	SSW 9	SSW 14	SSW 20	SSW 16	SSW 8

Oktober.

1	0.1	W 0	W 0	W 0	W 0	W 1	W 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 1
2	2.7	SW 1	SW 0	SW 0	SW 0	SW 0	SW 0	ENE 0	SE 0	NE 0	NW 3	NW 3	NW 3
3	5.5	WNW 4	WNW 0	WNW 0	WNW 1	WNW 0	WNW 3	NW 6	NW 6	NNW 8	N 6	N 6	N 2
4	25.8	E 24	E 26	E 22	E 11	E 16	E 21	WSW 10	SSW 14	SSW 9	SSW 17	SSW 30	SW 34
5	13.1	WSW 20	W 28	W 14	W 14	WSW 15	WSW 8	WSW 5	SW 6	SW 6	SW 6	WSW 1	WNW 7
6	20.4	W 15	W 14	W 18	W 22	W 24	WNW 24	WNW 21	WNW 19	W 12	WSW 16	WSW 18	SW 18
7	15.7	NW 3	NW 4	NW 1	NW 0	NW 11	W 20	W 18	W 14	W 16	W 16	W 11	SSW 13
8	21.6	SW 31	SW 31	WSW 44	WSW 40	SW 42	SW 40	WSW 34	SW 39	WSW 39	WSW 30	W 20	W 20
9	4.9	WNW 0	WNW 2	NW 0	NNE 2	NNE 2	NNE 2	NE 2	NE 6	NE 12	ENE 10	ENE 8	NE 6
10	12.2	ESE 0	ESE 2	ESE 3	E 1	E 0	E 0	ENE 2	ENE 4	E 5	ENE 3	ESE 10	E 4
11	11.4	ESE 21	SE 15	SE 12	SE 12	SSW 14	SSW 17	WSW 15	SW 0	SW 0	SE 0	SE 0	SSE 0
12	16.0	WNW 6	WSW 9	WSW 4	SW 0	SSE 3	SSE 3	SSE 12	SSE 9	SSE 13	SSE 14	SSE 10	SSE 13
13	18.9	WSW 23	WSW 28	SSW 24	SSW 30	S 21	S 29	ENE 36	SE 26	ENE 28	W 26	W 40	WNW 26
14	10.2	NE 9	NE 7	ENE 14	NE 14	NE 13	NE 10	NE 11	NE 4	NE 8	NNW 10	NNW 14	ENE 19
15	15.3	ENE 6	NNE 15	N 17	NW 13	NW 15	NNW 20	NW 15	WNW 11	W 12	W 24	WSW 8	WSW 12
16	7.4	WSW 30	WSW 30	WSW 28	WSW 25	WSW 19	WSW 14	WSW 4	WSW 0	WSW 8	W 5	W 2	WSW 0
17	15.0	SE 11	SE 13	SE 11	SE 7	SE 1	SE 0	SE 0	ESE 4	ESE 5	SE 5	SSE 8	SSE 16
18	19.2	SSE 18	SSE 26	S 30	SSW 28	S 30	SSE 23	SSE 19	SSE 28	SSE 20	SSE 26	SSE 24	S 22
19	15.5	SE 22	SE 9	SE 8	SE 1	ESE 17	ESE 22	E 21	E 20	E 20	E 15	E 7	E 16
20	19.5	WSW 16	SW 20	SW 19	WSW 19	SW 26	SSW 26	SSW 26	SSW 28	SSW 32	SSW 30	SSW 28	SSW 24
21	32.9	SSW 17	SSW 18	SSW 21	SSW 21	SSW 22	SSW 28	SSW 28	SSW 28	SSW 34	SSW 36	SSW 29	SSW 31
22	38.9	SW 42	SSW 42	SSW 40	ESE 23	SE 32	SE 35	SSE 30	SE 26	S 38	W 46	W 60	SSW 60
23	39.3	SW 42	WSW 47	WSW 51	WSW 39	WSW 39	SW 28	E 28	E 24	E 22	ESE 30	ESE 22	SSE 36
24	20.2	S 46	S 55	S 41	SSE 36	SSE 28	SSE 29	ESE 19	ESE 27	ENE 28	ESE 27	ESE 26	ESE 26
25	4.8	SE 4	SE 0	SSE 8	S 8	SSW 13	SSW 13	SW 7	SSW 1	WNW 13	NW 16	NW 12	NW 9
26	7.4	SW 0	SW 8	SW 19	SW 17	SW 13	SW 13	W 12	W 4	W 8	W 7	W 1	WSW 3
27	7.1	W 0	W 0	W 0	W 2	W 3	W 1	WSW 0	WSW 0	WSW 5	WSW 2	WSW 0	SSW 1
28	15.9	NW 20	NW 21	NW 23	WNW 23	WNW 23	WNW 18	W 19	W 13	WNW 14	WNW 9	WNW 11	WNW 6
29	20.9	NW 21	NNW 18	NNE 22	NE 28	NE 20	NNE 26	NNE 18	NNE 20	NNE 21	NNE 19	NNE 21	NNE 21
30	10.9	ENE 26	ENE 23	ENE 22	ENE 20	NE 17	NE 21	NE 19	NE 20	NE 19	NNE 17	NNE 13	NNE 5
31	5.3	NW 2	NW 12	NW 13	NW 19	NW 19	NW 16	NW 9	NW 0	NW 0	NW 0	NW 0	NW 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **September.** Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 39	WSW 20	WSW 16	WSW 16	WSW 17	WSW 19	WNW 30	W 20	W 28	WSW 30	WSW 36	WSW 36	886
2	SW 40	SSW 40	SSW 42	SSW 42	SSW 41	WSW 41	WSW 40	WSW 44	WSW 46	WSW 46	WSW 44	WSW 41	809
3	WSW 30	WSW 28	WSW 36	WSW 35	WSW 35	WSW 46	WSW 36	WSW 38	WSW 36	WSW 39	WSW 45	WSW 40	935
4	SSW 14	SSW 14	SW 14	WSW 14	WSW 22	WSW 42	WSW 48	WSW 44	WSW 42	WSW 36	WSW 36	WSW 34	872
5	WSW 5	WSW 14	SW 9	WSW 8	SSW 5	SSW 4	SW 4	SW 4	WSW 18	WSW 20	WNW 16	W 20	417
6	WSW 52	WSW 40	W 34	W 36	WSW 34	WSW 42	WSW 42	WSW 28	WSW 20	WSW 10	WSW 10	SW 20	776
7	S 0	SSE 2	SSW 2	WSW 14	SSW 3	SSW 5	SW 22	WSW 19	SSW 18	SSW 18	SSW 13	SSW 16	360
8	WSW 48	WSW 48	W 36	W 34	W 30	WSW 50	W 62	W 64	W 58	W 42	WSW 44	WSW 50	882
9	WSW 36	WSW 46	WSW 52	WSW 48	WSW 34	WSW 34	WSW 30	WSW 40	WSW 36	SW 44	SSW 47	SW 45	940
10	SW 22	SW 16	SW 24	SW 21	SW 23	SSW 22	SSW 25	SSW 16	SW 14	WSW 23	WSW 30	W 46	910
11	WSW 74	WSW 72	WSW 64	W 64	WSW 66	WSW 62	SW 64	WSW 68	WSW 56	WSW 70	WSW 70	WSW 54	1474
12	WSW 56	WSW 53	WSW 57	WSW 58	WSW 74	WSW 61	WSW 69	WSW 66	WSW 52	WSW 40	WSW 33	WSW 30	1427
13	SW 20	SW 20	SW 20	WSW 50	WSW 52	WSW 48	WSW 50	WSW 50	WSW 50	WSW 48	WSW 47	WSW 51	1025
14	SW 15	WSW 16	WSW 18	WSW 40	WSW 48	WSW 52	WSW 52	WSW 48	WSW 50	WSW 50	WSW 56	WSW 48	848
15	SW 10	SSW 16	SW 14	SW 20	SSW 8	SSW 3	SW 5	SW 6	SW 6	SW 6	SW 8	SW 26	614
16	SSW 8	SSW 4	SSW 2	SSW 2	SSW 5	SW 5	SW 8	SSW 10	SSW 9	SW 13	SW 25	WSW 35	252
17	W 24	W 32	WSW 12	S 0	S 0	S 0	S 2	WSW 22	WSW 8	WSW 28	WSW 29	WSW 43	496
18	SSE 3	SSE 1	SSE 10	S 21	SSW 17	SSW 8	SSW 17	SSW 14	WSW 23	SW 33	WSW 39	WSW 48	396
19	SW 20	SW 24	SSW 24	SW 26	SW 22	WSW 24	WSW 36	SW 34	SW 46	WSW 34	WSW 52	WSW 36	726
20	WSW 11	WSW 15	WSW 26	WNW 46	W 35	WSW 29	WSW 22	SW 28	SW 24	SSW 18	SW 20	SW 21	493
21	SW 55	SSW 62	WSW 64	WSW 66	WSW 96	WSW 58	WSW 56	SW 60	SW 48	SW 50	SW 48	SW 62	1329
22	S 20	S 16	S 28	WSW 31	WNW 39	SW 38	SW 42	WSW 44	WSW 46	WSW 56	WSW 53	WSW 51	716
23	WSW 28	SW 34	WNW 34	SSW 24	SSW 36	ENE 38	ENE 18	SE 6	SSW 12	SSW 12	SSW 13	SSW 13	814
24	ESE 5	ESE 12	E 14	SE 16	E 22	SSE 7	SE 1	ESE 0	ENE 0	ESE 1	SSE 7	SW 18	282
25	SW 31	SW 7	SW 5	WSW 9	WSW 30	WSW 24	WSW 21	SW 17	WSW 6	WSW 7	SW 7	SW 12	561
26	SSW 8	SSW 8	SSW 5	SSW 2	WSW 12	WSW 21	WSW 23	WSW 25	SW 22	SW 20	WSW 18	WSW 24	392
27	WSW 22	WSW 37	WSW 37	WSW 32	WSW 42	WSW 32	WSW 33	WSW 29	WSW 32	WSW 38	WSW 33	WSW 36	609
28	WSW 29	WSW 26	WSW 29	WSW 39	WSW 46	WSW 42	WSW 36	WSW 31	WSW 29	WSW 28	WSW 30	WSW 32	707
29	WSW 40	WSW 28	WSW 22	SW 21	WSW 17	WSW 44	WSW 48	WSW 36	SW 11	SW 11	SSW 14	SSW 22	748
30	WSW 12	WNW 46	W 54	W 44	W 42	W 38	W 32	W 24	W 6	W 5	W 5	W 5	527

Oktober.

1	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 1	3
2	NW 1	NW 1	NW 3	NW 9	NW 5	NW 5	WNW 5	WNW 5	WNW 6	WNW 7	WNW 4	WNW 3	64
3	N 1	E 0	E 0	E 0	E 1	E 6	E 9	E 10	E 21	E 13	E 9	E 22	132
4	WSW 38	WSW 34	SW 36	SW 42	SW 36	WSW 22	WSW 20	WSW 24	WSW 24	WSW 35	WSW 37	WSW 38	620
5	WNW 0	WNW 0	WNW 5	W 18	W 31	W 28	W 26	W 20	W 20	W 8	W 10	W 19	315
6	SW 19	SW 21	WSW 21	WSW 27	WSW 24	WSW 24	WSW 24	W 20	W 24	WNW 26	WNW 23	NW 16	490
7	SSW 16	SSW 20	SSW 26	SSW 30	SSW 28	SW 28	SW 29	SW 17	SSW 27	SSW 13	SSW 9	SSW 17	377
8	W 22	W 15	W 10	W 12	W 9	W 8	WNW 8	WNW 10	WNW 6	WNW 2	WNW 4	WNW 2	518
9	NE 4	NNE 4	NNE 5	ENE 3	ENE 5	ENE 9	ENE 6	ENE 8	ENE 8	E 8	E 6	SSE 0	118
10	ESE 14	ESE 16	E 12	ENE 18	ENE 20	ENE 21	ENE 25	ENE 26	ENE 30	ENE 32	E 20	ESE 24	292
11	SSE 5	SSE 9	SSE 2	SSW 1	SW 7	W 10	WSW 16	WSW 20	WSW 27	WSW 21	WSW 26	WSW 24	274
12	S 25	SSW 20	SSW 20	SSW 23	SSW 26	SW 24	SSW 26	SW 28	SW 28	SW 22	SW 20	WSW 27	385
13	SW 20	SE 14	ESE 12	ESE 6	ESE 3	ENE 7	ENE 9	ENE 11	NW 10	NW 12	NNW 3	NNE 9	453
14	ENE 21	ENE 13	ENE 9	ENE 10	ENE 3	E 6	E 12	E 12	ENE 8	ENE 7	E 6	ENE 4	244
15	W 18	WSW 11	SSE 6	SSW 2	SSW 9	SW 16	SW 21	WSW 21	WSW 28	WSW 27	WSW 23	WSW 18	368
16	SW 0	SW 0	SW 0	SSW 0	SSW 1	SSE 1	SSW 1	SSE 3	SSE 3	SSE 0	SSE 0	SSE 3	177
17	S 22	SSE 18	SSE 20	SSE 12	SSE 21	SSE 26	SSW 23	SSE 34	SSE 26	SSE 22	SSE 28	SSE 26	359
18	SE 12	SE 12	E 6	NE 4	NE 8	NE 12	NNW 19	NNW 16	NE 19	NNW 16	SE 19	ESE 25	462
19	SE 22	SSE 20	SSE 16	SE 12	SE 14	SW 20	S 15	SSW 20	SSW 25	SSW 24	SSW 4	SW 2	372
20	SW 20	SW 17	SW 14	WSW 17	WSW 11	WSW 10	SW 14	SSW 7	SSW 10	SSW 18	SSW 18	SSW 17	467
21	SSW 30	SSW 32	SSW 32	SSW 28	SSW 33	SSW 35	SSW 40	SSW 47	SSW 47	SW 48	SW 54	SW 50	789
22	SSW 56	SW 50	WSW 54	SW 36	SW 38	ENE 23	ENE 21	E 30	SW 36	SW 38	SSW 38	WSW 40	934
23	SSE 39	SE 31	S 30	SSW 37	SSW 45	SSW 44	SE 38	SE 36	S 54	S 74	S 57	S 49	942
24	ESE 24	ESE 24	ESE 16	ESE 8	ESE 4	E 0	E 0	ENE 2	NE 1	NE 3	ESE 8	ESE 8	486
25	NW 0	NW 0	NW 0	W 0	WSW 0	E 0	SE 0	SW 3	SW 7	SW 0	SW 0	SW 0	114
26	WSW 4	WSW 13	WSW 9	WNW 11	WNW 11	W 13	W 4	W 3	W 3	W 0	W 1	W 1	178
27	SW 4	SSW 2	SW 2	SW 4	WNW 6	WNW 8	WSW 14	WSW 19	WNW 17	WNW 24	NW 29	NW 27	170
28	WNW 0	WNW 4	WNW 11	WNW 11	WNW 10	NW 24	NW 22	NW 21	NNW 17	NNW 19	NNW 21	NW 21	381
29	NNE 20	ENE 10	NE 8	ENE 4	ENE 10	ENE 18	ENE 28	ENE 26	ENE 30	ENE 29	ENE 29	ENE 34	501
30	E 0	ESE 0	ESE 0	ENE 0	ESE 0	ESE 7	NW 11	NW 9	NW 12	NW 1	NW 0	NW 0	262
31	WNW 0	W 2	W 2	W 0	W 5	W 10	W 8	W 0	W 4	W 3	W 3	W 0	127

November 1918. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}
1	22.8	W 1	W 2	W 13	W 10	W 14	W 16	W 17	WNW 23	WNW 5	WNW 6	W 23	WSW 40
2	28.8	SW 21	SW 23	SW 28	W 28	WSW 27	SW 17	WSW 20	WSW 22	WSW 18	SW 24	SW 21	SSW 24
3	17.2	WSW 14	WSW 23	WSW 37	WSW 34	WSW 36	WSW 32	WSW 30	WSW 22	WSW 16	SW 16	SSW 9	S 2
4	29.6	SSW 24	SSW 28	SSW 22	SSW 24	SSW 24	SSW 20	SSW 22	S 33	S 35	SSW 40	SSW 43	SSW 21
5	26.1	SW 22	SW 27	SW 29	SSW 25	SSW 25	SSW 24	SW 23	SSW 23	WSW 25	SW 20	SW 20	SW 35
6	26.9	SSW 16	SW 20	SW 6	SW 7	SSW 17	SSW 26	SSW 26	SSE 29	SSE 35	SE 43	SE 35	WNW 24
7	20.2	S 37	SSW 33	SSW 26	SSW 20	SSW 12	SSW 12	SSW 16	SSW 40	S 32	S 34	SSW 25	SSW 29
8	15.6	WSW 20	WSW 22	WSW 26	WSW 16	W 6	W 10	SSW 13	SSW 19	S 12	SSW 16	SSW 30	SSW 28
9	6.3	SW 12	SSW 6	SSE 3	S 7	SSW 6	SW 12	SSW 16	SW 18	SW 14	SSW 0	SW 2	SSW 9
10	8.9	S 0	SSW 6	SSW 0	SW 3	SW 0	SW 0	NE 0	ESE 0	ENE 1	SE 13	SE 14	SSE 16
11	49.1	WSW 43	WSW 45	WSW 50	WSW 50	WSW 46	WSW 50	WSW 48	WSW 48	WSW 48	WSW 48	WSW 46	W 50
12	19.5	WSW 37	WSW 39	WSW 44	WSW 40	WSW 38	WSW 32	WSW 36	WSW 37	WSW 27	WSW 24	WSW 22	SW 28
13	14.3	WNW 0	WNW 0	WNW 0	NW 1	NNW 5	NNW 7	N 15	N 24	NNE 25	NNE 19	NNE 16	NNE 12
14	18.7	NNE 18	NNE 25	NNE 25	NNE 22	NNE 17	NNE 19	NNE 24	NNE 24	NNE 10	NNE 20	NNE 11	NNE 9
15	16.6	NNE 22	NE 22	ENE 18	ENE 18	NE 20	NE 20	NE 25	NNE 28	NNE 31	NNE 30	NNE 27	NE 21
16	12.6	ENE 13	ENE 12	ENE 8	ESE 2	SE 9	SE 10	E 14	ESE 4	ENE 11	ENE 13	E 12	E 21
17	6.1	SSW 0	SSW 0	WSW 1	WSW 0	WSW 1	WSW 8	WSW 4	WSW 2	SW 2	SW 0	SW 0	SSW 0
18	4.3	WNW 20	W 21	W 19	W 13	W 7	W 1	W 0	W 1	W 5	W 0	W 0	W 0
19	8.1	WNW 10	WNW 12	N 11	NNE 11	NNE 11	NNE 13	NE 17	NE 13	NE 6	NE 6	NE 6	NNE 4
20	30.0	ENE 24	ENE 40	ENE 38	E 41	E 39	E 46	ENE 36	ESE 47	E 34	E 37	E 31	ENE 23
21	11.3	ESE 20	ESE 20	ESE 22	ESE 18	ESE 25	ESE 26	NE 27	NE 22	NNE 23	NNE 21	NNE 16	NNE 7
22	10.5	NE 4	NE 0	NE 0	NE 6	NE 8	NE 12	NE 13	NE 16	ENE 18	ENE 16	ENE 12	NE 10
23	14.7	E 6	E 6	ENE 6	ENE 8	ENE 10	E 9	ENE 13	NE 18	NE 20	NE 18	NE 16	NNE 18
24	14.6	SSW 18	SSE 18	SSW 22	SSW 23	SSW 21	SSW 16	SSW 17	SSW 15	SSW 14	SSW 9	SSW 6	SSW 7
25	21.8	W 13	W 13	WNW 15	W 18	W 20	W 19	WSW 15	W 14	WSW 13	SW 19	WSW 11	SW 10
26	14.8	WSW 15	WSW 20	WSW 19	WSW 15	WSW 12	W 12	WSW 10	W 10	W 11	WSW 11	WSW 11	WSW 10
27	38.6	WSW 44	WSW 50	WSW 51	WSW 37	WSW 46	WSW 46	WSW 39	W 29	W 36	W 40	WSW 42	WSW 58
28	9.5	WSW 6	WSW 3	WSW 7	WSW 10	WSW 6	WSW 0	WSW 1	WSW 1	NE 14	W 10	W 12	W 6
29	18.7	WSW 25	WSW 20	WSW 20	WSW 24	WSW 23	WSW 19	WSW 30	WSW 27	WSW 31	WSW 24	WSW 15	WSW 19
30	2.9	WNW 14	NW 15	NW 12	WNW 6	WNW 2	WNW 2	WSW 2	WSW 2	SSW 7	SSW 4	SSW 1	SW 0

Dezember.

1	18.9	ENE 0	ENE 0	ENE 3	ENE 4	ENE 15	ENE 14	NE 14	ENE 13	ENE 12	ENE 7	ENE 12	NNE 22
2	11.1	NE 20	NNE 19	NNE 14	NNE 17	N 12	NNW 11	NW 5	NW 6	SE 8	NW 10	NW 24	NW 16
3	34.8	SW 25	SW 24	SW 18	SW 17	SW 11	SW 16	WSW 31	WSW 25	WSW 30	WSW 34	WSW 36	WSW 44
4	25.4	SW 18	SW 20	SW 14	SW 20	SW 30	SW 30	SW 30	SW 34	SW 34	SW 32	SW 35	SW 27
5	6.0	WNW 7	NW 11	NW 14	NW 1	NNE 1	NNE 6	NNE 17	NNE 16	NNE 23	NNE 10	NNE 16	NW 8
6	30.2	ENE 0	ENE 9	W 6	WSW 14	WSW 13	WSW 23	WSW 24	WSW 36	WSW 37	WSW 38	WSW 40	WSW 39
7	27.2	WSW 40	WSW 38	SW 40	WSW 38	SW 42	WSW 42	WSW 44	WSW 39	WSW 37	WSW 28	SW 27	SW 25
8	26.2	SW 34	SW 39	SW 37	SW 42	SW 38	SW 34	SW 31	SW 29	SW 28	SW 22	SW 26	SSW 24
9	18.8	WSW 18	WSW 19	WSW 16	WSW 15	WSW 16	SW 14	WSW 20	SW 14	SSW 14	SW 15	SW 15	WSW 24
10	20.5	WSW 15	WSW 19	WSW 18	WSW 20	WSW 16	WSW 10	WSW 10	WSW 12	WSW 7	WSW 6	WSW 11	WSW 10
11	33.4	WSW 41	WSW 36	WSW 30	WSW 30	WSW 29	WSW 31	WSW 34	WSW 36	WSW 41	WSW 31	WSW 22	WSW 38
12	24.7	ESE 20	ESE 15	ESE 14	ESE 13	ESE 11	ESE 6	WSW 24	WSW 10	WSW 28	WSW 30	WSW 26	WSW 30
13	29.8	WSW 21	WSW 16	WSW 38	WSW 54	WSW 46	WSW 50	WSW 52	WSW 48	WSW 32	WSW 40	WSW 32	WSW 48
14	12.8	WSW 19	WSW 19	WSW 12	WSW 12	WSW 12	WSW 12	WSW 22	WSW 12	WSW 20	WSW 20	WSW 18	SW 17
15	13.0	SE 3	SE 8	SE 11	SE 11	SE 13	SE 14	SW 13	SW 14	SW 13	SW 25	SW 28	SW 10
16	31.7	SW 20	SW 20	SW 20	SW 28	SW 36	SW 36	SW 34	SSW 36	SSW 33	SSW 39	SSW 38	SW 30
17	25.8	WSW 34	WSW 36	WSW 34	WSW 36	WSW 30	WSW 33	WSW 29	WSW 23	W 25	W 14	W 12	W 14
18	27.7	WSW 20	WSW 22	WSW 22	WSW 21	WSW 23	WSW 24	WSW 24	WSW 19	WSW 19	WSW 17	WSW 19	WSW 30
19	41.1	WSW 34	WSW 36	WSW 36	WSW 36	WSW 37	WSW 37	SW 40	SW 48	SW 52	WSW 44	WSW 44	WSW 46
20	36.7	WSW 35	WSW 33	WSW 36	WSW 36	WSW 34	WSW 36	WSW 40	WSW 44	WSW 48	WSW 44	WSW 44	WSW 50
21	17.8	WSW 27	WSW 26	WSW 20	WSW 17	WSW 18	WSW 18	WNW 14	WNW 20	WNW 20	WNW 20	WNW 13	WNW 7
22	30.4	WNW 16	WNW 36	WNW 21	WNW 22	WSW 15	WSW 20	WSW 32	WSW 16	WSW 20	WSW 22	WSW 18	WSW 20
23	48.3	WSW 50	WSW 50	WSW 46	WSW 38	WSW 30	WSW 29	WSW 61	WSW 40	WSW 40	WSW 47	WSW 49	WSW 60
24	18.5	WSW 30	WSW 30	WSW 30	WSW 30	WSW 21	WNW 19	WNW 20	WSW 20	WSW 8	WSW 8	WSW 5	WSW 15
25	16.1	SW 34	W 39	WSW 31	SW 42	SW 26	SW 8	WSW 16	WSW 5	WSW 8	WSW 21	WSW 32	WSW 18
26	8.7	SW 0	SW 1	SW 0	SW 0	SW 0	SW 0	NE 5	NE 13	NE 7	ENE 6	ENE 20	NE 3
27	15.1	ENE 18	ENE 18	ENE 21	ENE 15	ENE 16	ENE 20	ENE 20	ENE 16	ENE 20	ENE 19	NE 15	NNE 16
28	40.7	WNW 18	WNW 23	W 29	WSW 28	WSW 29	WSW 25	WSW 23	WSW 29	WSW 25	WSW 23	WSW 28	WSW 36
29	30.8	ENE 44	ENE 26	ENE 30	ENE 30	E 30	S 25	WSW 49	WSW 40	WSW 40	WSW 40	WSW 28	WSW 15
30	22.1	SW 16	SW 34	SW 34	SW 36	SW 38	SW 30	SW 32	SW 30	SW 30	SW 50	SW 40	SW 20
31	8.8	SW 10	SW 10	SW 10	SW 10	SW 10	SW 10	SE 10	SE 10	SE 10	SE 10	SW 10	SW 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). November. Säntis.

Tag	12^{30}–13^{30}	13^{30}–14^{30}	14^{30}–15^{30}	15^{30}–16^{30}	16^{30}–17^{30}	17^{30}–18^{30}	18^{30}–19^{30}	19^{30}–20^{30}	20^{30}–21^{30}	21^{30}–22^{30}	22^{30}–23^{30}	23^{30}–0^{30}	Summe
1	WSW 36	WSW 54	WSW 31	WSW 29	W 30	WSW 26	SW 26	WSW 30	WSW 30	SW 24	SW 30	SW 32	548
2	SW 29	SW 34	SW 36	WSW 36	WSW 34	SW 31	SW 31	SW 44	SW 44	WSW 46	WSW 34	WSW 20	692
3	S 2	S 3	S 10	SSW 10	SSW 10	SW 2	SW 14	SSW 16	SSW 18	SSW 21	SSW 18	SSW 17	412
4	S 28	SSW 34	SW 42	SW 35	SW 35	SW 36	SW 28	SW 29	SW 25	SW 27	SW 28	SW 27	710
5	SW 28	SW 22	SW 33	SW 35	SW 32	SSW 34	SSW 26	SSW 28	SW 27	SW 24	SW 19	WSW 20	626
6	SW 23	SW 21	SSW 26	S 22	SE 20	SE 38	SSE 34	SSE 25	SSE 21	SSE 39	S 51	S 42	646
7	SSW 46	SW 40	SW 27	SW 30	SW 27	SW 22	WSW 18	W 14	SW 16	SW 20	SSW 24	SW 28	628
8	SSW 23	SW 23	WSW 20	WSW 19	WSW 15	SW 13	SW 8	SW 11	SW 3	SW 0	SW 6	SW 15	374
9	SW 7	SSW 4	WSW 4	WSW 4	W 0	WSW 12	WSW 11	SW 4	SW 0	S 0	S 0	S 0	151
10	SE 1	SE 0	SE 0	SSE 0	SSE 3	SW 8	SW 14	WSW 17	WNW 19	WNW 30	W 32	WSW 36	213
11	W 50	WSW 58	WSW 50	WSW 48	WSW 98	WSW 82	WSW 32	WSW 40	WSW 38	WSW 30	WSW 40	WSW 40	1178
12	SW 18	SW 14	SW 6	W 5	W 11	W 8	W 4	W 0	WNW 0	WNW 0	WNW 0	WNW 0	468
13	NNE 10	NNE 20	NNE 16	NNE 12	NNE 14	NNE 20	NNE 20	NNE 20	NNE 20	NE 18	NE 23	NE 27	344
14	NE 7	NNE 7	NNE 10	NNE 16	NNE 26	NNE 22	NNE 24	NNE 27	NE 22	NE 21	NE 20	NE 18	450
15	NE 20	NE 18	NE 7	NE 3	NE 4	E 6	ENE 10	ENE 4	NE 7	NE 8	ENE 12	ENE 17	398
16	E 20	E 25	SE 24	SE 27	ESE 18	SSE 10	SSE 13	SSE 15	S 13	SSW 6	SSW 1	SSW 0	302
17	SSW 0	SSW 0	SSW 1	S 2	S 1	SSW 4	WSW 14	WSW 19	WSW 23	WSW 21	WNW 23	WNW 20	146
18	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 0	SW 5	W 5	WNW 5	WNW 5	102
19	NNE 0	N 0	N 0	N 0	NNE 0	NE 0	ENE 0	ENE 0	ENE 1	ENE 5	ENE 32	ENE 36	194
20	ENE 25	ENE 21	NE 22	NE 18	NE 18	NE 26	NE 30	NE 30	ENE 32	E 22	SE 21	ESE 19	720
21	NE 0	NNE 0	NE 0	NE 5	NE 2	ENE 4	ENE 3	ENE 6	ENE 1	E 0	ENE 3	NE 0	271
22	NE 12	NE 10	ENE 7	ESE 16	SE 25	ESE 24	ESE 23	SE 9	SE 0	SE 2	ESE 6	NE 4	253
23	NE 16	NNE 18	NNE 5	N 13	N 6	NNE 1	W 11	SW 18	SSW 30	SSW 29	SSW 19	SSW 40	354
24	SSW 10	SSW 18	WSW 18	WSW 16	WSW 13	SW 13	WSW 11	S 9	SW 12	SW 15	WSW 13	W 17	351
25	WSW 21	WSW 29	WSW 27	WSW 35	WSW 30	WSW 34	WSW 32	WSW 19	WSW 25	WSW 30	WSW 30	WSW 31	523
26	WSW 2	SW 3	SW 8	SW 10	SW 12	SW 12	SW 10	SW 10	WSW 20	WSW 35	WSW 35	WSW 42	355
27	WSW 52	WSW 54	WSW 54	WSW 44	W 42	W 34	W 35	W 31	W 24	WSW 18	WSW 10	WSW 10	926
28	W 5	WSW 4	WSW 1	W 2	W 12	WSW 12	W 12	WSW 13	WSW 19	WSW 26	WSW 21	WSW 24	227
29	WSW 22	ESE 20	SE 15	WSW 11	SSE 8	W 14	WNW 21	WNW 13	WNW 8	NW 8	WNW 14	WNW 17	448
30	SW 0	SW 0	SW 0	WSW 1	W 2	SW 0	SSW 0	NE 0	NE 0	NE 0	NE 0	ENE 0	70

Dezember.

1	NE 26	ENE 29	ENE 30	ENE 26	ENE 26	ENE 28	ENE 26	NE 34	ENE 32	ENE 28	ENE 28	NE 24	453
2	NW 11	NW 0	NW 0	NW 13	NW 1	NW 6	NW 0	NW 7	W 18	W 14	W 16	WSW 19	267
3	WSW 50	WSW 46	WSW 44	WSW 48	WSW 33	WSW 33	WSW 42	SW 48	SW 46	SW 44	SW 42	SW 48	835
4	WNW 23	WNW 15	NNW 18	NNW 22	NNW 26	NNE 28	NNE 37	NNE 27	NNE 26	NNE 31	NNE 23	NNW 10	610
5	NW 9	WNW 3	NNW 0	N 0	N 0	N 1	N 0	NE 0	NE 0	NE 0	NE 0	ENE 0	143
6	WSW 47	WSW 41	WSW 40	WSW 38	WSW 36	WSW 39	WSW 39	WSW 36	SW 28	SW 32	SW 34	SW 36	725
7	SW 24	SW 22	SSW 17	SSW 7	S 2	SSW 0	SSW 10	SSW 16	SSW 18	SSW 28	SW 30	SW 38	652
8	SW 22	SSW 20	SSW 2	WSW 13	WSW 17	WSW 16	SW 25	WSW 29	WSW 27	WSW 27	WSW 26	WSW 20	628
9	WSW 28	WSW 29	WSW 26	WSW 23	WSW 28	WSW 20	WSW 15	WSW 17	WSW 21	WSW 16	WSW 14	WSW 15	452
10	WSW 24	WSW 34	WSW 41	WSW 37	WSW 29	WSW 29	WSW 24	WSW 25	WSW 23	WSW 21	WSW 21	WSW 29	491
11	WSW 28	WSW 32	WSW 32	WSW 34	WSW 48	WSW 52	W 50	W 36	W 36	W 27	WNW 11	SW 17	802
12	WSW 32	WSW 36	WSW 42	WSW 38	WSW 32	WSW 25	WSW 26	WSW 27	WSW 28	WSW 28	WSW 28	WSW 25	594
13	WSW 48	WSW 18	WSW 22	WSW 26	WSW 14	WSW 14	WSW 9	WSW 7	WSW 20	WSW 20	WSW 20	WSW 20	715
14	SW 20	SW 10	SW 11	SW 10	SW 11	SW 11	SW 10	SW 8	SW 4	SW 8	S 6	SSE 3	307
15	SW 10	SW 13	SW 13	SW 12	SW 12	SW 13	SW 14	SW 13	SW 12	SW 12	SW 13	SW 13	313
16	WSW 33	WSW 35	WSW 32	WSW 32	WSW 30	WSW 28	WSW 32	WSW 32	WSW 30	WSW 36	WSW 34	WSW 36	760
17	SW 20	SW 20	WSW 30	WSW 30	WSW 28	WSW 32	WSW 30	WSW 23	WSW 24	WSW 23	WSW 20	WSW 20	620
18	WSW 30	WSW 30	WSW 34	WSW 34	WSW 32	WSW 34	WSW 36	WSW 36	WSW 34	WSW 34	WSW 36	WSW 34	664
19	WSW 46	WSW 44	WSW 52	WSW 44	WSW 44	WSW 46	WSW 40	WSW 36	WSW 38	WSW 36	WSW 35	WSW 35	986
20	WSW 50	WSW 50	WSW 30	WSW 24	WSW 24	WSW 29	WSW 28	WSW 31	WSW 38	WSW 34	WSW 30	WSW 32	880
21	WNW 18	WNW 24	WNW 28	WSW 18	WSW 20	WSW 16	WSW 15	WNW 16	WNW 11	WNW 12	WNW 14	WNW 16	428
22	WSW 23	WSW 20	WSW 26	WSW 32	WSW 40	WSW 33	WSW 33	WSW 36	WSW 46	WSW 54	WSW 52	WSW 62	730
23	WSW 70	WSW 60	WSW 50	WSW 50	WSW 50	WSW 52	WSW 48	WSW 50	WSW 50	WSW 50	WSW 50	WSW 40	1160
24	SW 7	WSW 18	W 8	WSW 7	WSW 9	WSW 10	WSW 13	WSW 13	WNW 21	SW 27	SW 35	SW 27	443
25	SW 18	SW 16	WSW 14	SW 11	SW 13	SSW 14	SSW 12	SSW 5	SW 0	SW 0	SW 0	SW 3	386
26	NE 3	NE 4	NE 6	NE 10	NE 12	ENE 14	ENE 12	ENE 16	ENE 23	ENE 16	ENE 17	ENE 20	208
27	NNE 6	NNE 1	NNE 1	NNE 4	NNE 2	N 4	N 12	N 6	NW 21	WNW 37	W 28	WSW 26	362
28	WSW 44	WSW 46	WSW 42	SW 40	SW 68	SW 40	WNW 80	WNW 70	WNW 60	WNW 50	W 60	W 60	976
29	WSW 41	WSW 36	SW 22	SW 48	SW 30	SW 36	SW 29	SW 21	SW 29	SW 17	SW 16	SW 12	740
30	SW 22	SW 23	SW 17	SE 14	SE 13	WNW 14	WNW 7	WNW 0	SW 0	SW 10	SW 10	SW 10	530
31	SW 0	SW 0	SW 10	WSW 10	WSW 10	SW 10	SW 10	SW 10	SW 10	SW 10	SW 10	SW 10	210

1918. **Häufigkeit der 16 Windrichtungen** (in Stunden). Säntis.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	7	33	66	43	9	12	19	14	12	96	88	232	8	22	12	15	56	744
Februar	1	27	46	34	6	6	10	15	12	23	82	279	15	14	8	20	74	672
März	10	50	22	49	41	15	30	12	16	76	38	122	27	30	35	19	152	744
April	1	22	49	59	20	35	40	52	39	79	62	125	17	12	10	8	90	720
Mai	8	76	58	25	6	23	22	29	30	59	51	115	15	24	22	37	144	744
Juni	1	28	45	25	11	10	9	13	12	29	66	244	42	38	30	13	104	720
Juli	1	4	4	7	3	4	9	23	13	65	59	306	48	43	21	11	123	744
August	4	6	9	13	6	10	10	13	6	48	87	275	63	46	39	37	72	744
September	—	—	—	6	5	4	6	9	11	79	152	386	39	10	3	2	8	720
Oktober	5	19	27	52	36	31	28	47	18	78	61	74	69	44	45	12	98	744
November	5	49	51	37	16	16	16	14	19	79	94	166	55	23	4	2	74	720
Dezember	5	23	15	41	1	6	13	1	3	17	155	361	18	35	16	5	29	744
Summe	48	337	392	391	160	172	212	242	191	728	995	2685	416	341	245	181	1024	8760
id. in %	0.5	3.8	4.5	4.5	1.8	2.0	2.4	2.8	2.2	8.3	11.4	30.6	4.7	3.9	2.8	2.1	11.7	100.0

Mittlere Windgeschwindigkeit (Meter pro Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	9.8	7.7	3.8	4.9	3.6	6.5	4.9	4.9	4.5	8.3	7.0	11.2	6.5	3.6	3.7	3.7	—
Februar	28 »	1.1	4.6	3.9	4.3	3.8	4.6	2.1	3.1	4.6	5.7	5.8	10.7	6.3	6.5	2.8	3.1	—
März	31 »	3.0	4.4	2.0	3.2	3.7	4.0	3.0	2.6	3.8	5.2	5.2	7.8	5.3	4.5	4.4	4.5	—
April	30 »	0.5	3.2	3.6	4.2	3.4	4.9	4.6	3.6	5.4	5.3	3.5	5.4	4.3	4.4	2.8	3.5	—
Mai	31 »	1.5	3.7	4.1	2.4	2.2	3.2	3.6	3.7	5.9	4.3	3.5	6.1	4.4	4.3	3.6	2.9	—
Juni	30 »	0.3	3.7	4.5	3.6	3.7	5.9	4.9	4.0	3.1	5.5	3.6	6.1	3.9	6.1	3.8	3.7	—
Juli	31 »	0.3	2.4	1.6	2.7	2.9	3.5	2.6	3.0	3.9	3.5	3.3	7.1	6.4	4.4	4.7	7.2	—
August	31 »	4.2	6.1	6.4	6.0	2.1	3.4	1.8	3.0	2.5	6.1	8.4	6.0	8.4	7.5	2.5	3.1	—
Septemb.	30 »	—	—	—	4.9	4.6	2.6	5.4	1.5	4.6	4.8	7.3	10.5	9.2	8.5	3.8	9.0	—
Oktober	31 »	1.7	3.8	3.1	4.4	4.0	4.3	4.6	4.8	10.0	6.6	6.3	6.1	3.9	3.0	3.3	4.2	—
Novemb.	30 »	3.8	4.9	4.2	4.2	6.4	5.4	5.3	5.3	5.5	5.4	5.7	7.4	4.6	3.8	2.5	1.7	—
Dezemb.	31 »	1.9	4.4	3.6	5.4	8.3	3.7	2.9	0.8	3.1	5.4	6.5	8.4	7.6	6.4	2.8	4.8	—
	Mittel	2.3	4.1	3.4	4.2	4.1	4.3	3.8	3.4	4.7	5.5	5.5	7.7	5.9	5.3	3.4	4.3	—

Monatsmittel der Windgeschwindigkeit (Kilometer pro Stunde).

		1h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24h	Mittel
Jan.	31 Tage	25.2	26.1	24.9	26.5	25.0	23.3	24.6	24.4	27.2	27.2	27.6	25.4	27.1	27.3	27.0	26.2	28.6	28.3	26.4	24.9	24.0	24.6	25.5	25.4	25.9
Febr.	28 »	22.1	22.5	21.7	21.3	22.0	22.2	24.1	25.5	27.1	26.9	25.4	23.6	21.9	21.8	23.7	25.7	26.8	25.9	24.4	24.3	24.6	24.9	25.8	26.0	24.2
März	31 »	16.5	15.6	14.0	13.7	14.6	13.0	14.4	14.4	14.0	13.4	12.5	10.4	10.9	12.2	12.6	13.9	14.7	15.6	15.3	15.5	14.0	14.0	14.7	18.0	14.1
April	30 »	14.1	15.0	15.1	15.2	14.7	16.4	15.7	14.1	14.0	13.3	13.8	14.1	13.9	14.2	13.4	13.7	12.4	11.8	12.2	12.1	13.6	15.5	14.9	14.4	14.1
Mai	31 »	12.4	12.5	12.7	11.4	9.6	8.9	10.1	10.0	10.1	9.1	9.4	9.5	9.7	9.9	9.5	10.2	12.1	12.1	15.2	16.1	17.0	16.1	15.2	15.6	11.8
Juni	30 »	16.1	15.1	14.7	14.1	14.1	15.2	16.8	15.7	14.2	14.6	15.6	14.6	15.8	12.3	11.5	14.8	15.3	14.5	14.9	16.5	18.3	17.7	18.3	18.1	15.4
Juli	31 »	19.7	21.2	21.2	19.9	18.7	17.1	16.8	12.8	12.5	11.2	10.6	10.4	11.5	13.0	14.5	16.3	17.5	19.7	19.3	19.5	22.1	21.2	18.9	18.7	16.8
Aug.	31 »	23.4	25.2	27.1	26.6	26.5	26.0	27.9	26.3	24.4	24.8	25.0	22.8	22.3	22.8	21.7	22.0	21.0	22.5	23.0	21.4	21.0	21.5	22.0	22.5	23.7
Sept.	30 »	31.3	32.4	33.4	34.0	33.6	36.5	36.3	32.6	30.9	29.4	25.4	26.6	25.9	26.6	26.8	29.0	31.8	32.3	32.7	31.4	28.4	29.2	30.7	33.8	30.9
Okt.	31 »	15.5	16.9	17.1	15.4	16.1	16.5	14.4	12.9	14.7	15.2	14.2	14.6	14.7	13.3	12.5	12.4	13.7	15.0	15.9	16.4	18.3	17.8	16.4	17.0	15.3
Nov.	30 »	17.3	19.0	19.3	17.9	17.8	17.9	19.0	20.4	19.3	19.4	17.9	18.0	17.1	18.5	16.7	16.8	18.3	18.3	17.1	16.7	16.8	17.7	19.0	20.1	18.2
Dez.	31 »	22.2	23.6	22.7	23.6	22.5	22.0	26.5	24.3	25.6	24.9	25.3	24.9	26.9	25.0	23.9	24.4	23.9	23.5	24.6	23.6	25.0	25.2	24.5	24.5	24.3
Mittel d. 365 Tage		19.7	20.4	20.3	20.0	19.6	19.6	20.5	19.5	19.5	19.1	18.6	17.9	18.1	18.1	17.8	18.8	19.7	20.0	20.1	19.9	20.3	20.5	20.5	21.2	19.6

1918. **Weg in Kilometern.** Säntis.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	246	907	894	761	117	281	338	249	220	2858	2219	9384	187	284	160	201	19306
Februar	4	446	638	523	79	99	77	169	197	476	1699	10860	340	328	83	223	16241
März	107	794	160	563	550	217	328	112	217	1423	708	3439	516	483	552	309	10478
April	2	254	627	883	281	624	665	678	752	1494	845	2368	264	191	102	101	10131
Mai	44	1012	584	215	47	264	286	388	635	906	645	2516	236	368	281	388	8815
Juni	1	373	731	322	146	211	160	187	135	572	859	5367	589	833	403	171	11060
Juli	1	35	23	69	31	50	84	249	182	825	766	7799	1107	674	357	284	12536
August	61	131	207	281	46	121	66	140	53	1049	2629	9409	1460	1249	347	411	17660
September	—	—	—	105	83	38	117	50	181	1362	3976	14603	1296	306	41	65	22223
Oktober	30	262	305	826	512	483	460	816	646	1866	1381	1630	972	470	534	181	11374
November	69	872	776	557	370	310	306	269	375	1538	1920	4443	913	314	36	12	13080
Dezember	35	363	196	799	30	79	135	3	33	333	3608	10908	492	806	163	87	18070
Summe	600	5449	5141	5904	2292	2777	3022	3310	3626	14702	21255	82726	8372	6306	3059	4433	170974
id. in %	0.4	3.2	3.0	3.5	1.3	1.6	1.8	1.9	2.1	8.6	12.4	48.4	4.9	3.7	1.8	1.4	100 %

Maximale Geschwindigkeit (Meter pro Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	15.6	17.8	10.0	16.1	5.8	9.2	10.6	9.2	13.3	15.6	15.6	24.2	13.6	7.5	8.3	13.3	—
Februar	28 »	1.1	13.3	11.1	9.7	8.9	9.4	4.4	6.1	10.3	10.0	14.4	26.1	11.1	10.3	4.7	11.1	—
März	31 »	5.0	10.6	8.3	9.4	7.8	8.9	7.5	8.3	10.0	11.4	13.3	18.9	11.7	11.1	12.2	10.6	—
April	30 »	0.6	7.2	10.6	13.3	13.6	12.2	10.6	12.2	13.9	15.0	13.6	12.8	8.9	7.8	6.7	7.8	—
Mai	31 »	5.3	8.9	5.6	6.4	3.1	14.4	11.1	12.2	14.4	10.6	11.1	23.3	8.6	11.7	8.9	7.8	—
Juni	30 »	0.3	10.0	9.4	9.4	9.4	9.4	8.9	10.0	10.3	13.9	14.7	22.8	19.2	22.2	17.2	6.9	—
Juli	31 »	0.3	4.4	3.1	5.0	3.6	4.7	4.7	6.1	9.2	8.3	8.6	24.4	17.8	16.7	14.2	14.7	—
August	31 »	5.0	10.6	9.4	11.1	6.9	7.8	3.3	5.6	3.1	12.8	18.3	18.9	16.1	16.7	8.3	16.1	—
Septemb.	30 »	—	—	—	10.6	6.7	5.6	12.8	3.1	16.7	17.2	20.0	26.7	17.8	12.8	4.7	11.1	—
Oktober	31 »	4.7	7.2	7.8	10.0	8.3	8.3	10.6	10.8	20.6	16.7	15.0	15.0	16.7	7.2	8.1	5.8	—
Novemb.	30 »	6.7	8.6	8.3	11.1	12.8	13.1	11.9	10.8	14.2	12.8	12.2	27.2	13.9	8.3	4.2	1.9	—
Dezemb.	31 »	3.3	10.3	9.2	12.2	8.3	5.6	3.9	0.8	6.9	10.8	10.9	19.4	16.7	22.2	6.7	7.2	—
	Jahr	4.0	9.1	7.7	10.4	7.9	9.1	8.4	7.9	11.9	12.9	14.0	21.6	14.3	12.9	8.7	9.5	—

Monatsmittel der Windgeschwindigkeit (Meter pro Sekunde).

		1h	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24h	Mittel
Januar	31 Tage	7.0	7.2	6.9	7.4	6.9	6.5	6.8	6.8	7.6	7.6	7.7	7.1	7.5	7.6	7.5	7.3	7.9	7.9	7.3	6.9	6.7	6.8	7.1	7.1	7.2
Febr.	28 »	6.1	6.2	6.0	5.9	6.1	6.1	6.7	7.1	7.5	7.5	7.1	6.6	6.1	6.1	6.6	7.1	7.4	7.2	6.8	6.7	6.8	6.9	7.2	7.2	6.7
März	31 »	4.6	4.3	3.9	3.8	4.1	3.6	4.0	4.0	3.9	3.7	3.5	2.9	3.0	3.4	3.5	3.9	4.1	4.3	4.2	4.3	3.9	3.9	4.1	5.0	3.9
April	30 »	3.9	4.2	4.2	4.2	4.1	4.8	4.4	3.9	3.9	3.7	3.8	3.9	3.9	3.9	3.7	3.8	3.4	3.3	3.4	3.4	3.8	4.3	4.1	4.0	3.9
Mai	31 »	3.4	3.5	3.5	3.2	2.7	2.5	2.8	2.8	2.8	2.5	2.6	2.6	2.7	2.7	2.6	2.8	3.4	3.4	4.2	4.5	4.7	4.5	4.2	4.3	3.3
Juni	30 »	4.5	4.2	4.1	3.9	3.9	4.2	4.7	4.4	3.9	4.1	4.3	4.1	4.4	3.4	3.2	4.1	4.2	4.0	4.1	4.6	5.1	4.9	5.1	5.0	4.3
Juli	31 »	5.5	5.9	5.9	5.5	5.2	4.7	4.7	3.6	3.5	3.1	2.9	2.9	3.2	3.6	4.0	4.5	4.9	5.5	5.4	5.4	6.1	5.9	5.2	5.2	4.7
Aug.	31 »	6.5	7.0	7.5	7.4	7.4	7.2	7.7	7.3	6.8	6.9	6.9	6.3	6.2	6.3	6.0	6.1	5.8	6.2	6.4	5.9	5.8	6.0	6.1	6.2	6.6
Sept.	30 »	8.7	9.0	9.3	9.4	9.3	10.1	10.1	9.1	8.6	8.2	7.1	7.4	7.2	7.4	7.4	8.1	8.8	9.0	9.1	8.7	7.9	8.1	8.5	9.4	8.6
Okt.	31 »	4.3	4.7	4.7	4.3	4.5	4.6	4.0	3.6	4.1	4.2	3.9	4.1	4.1	3.7	3.5	3.4	3.8	4.2	4.4	4.6	5.1	4.9	4.6	4.7	4.2
Nov.	30 »	4.8	5.3	5.4	5.0	4.9	5.0	5.3	5.7	5.4	5.4	5.0	5.0	4.7	5.1	4.6	4.7	5.1	5.1	4.7	4.6	4.7	4.9	5.3	5.6	5.1
Dez.	31 »	6.2	6.6	6.3	6.6	6.2	6.1	7.4	6.7	7.1	6.9	7.0	6.9	7.5	6.9	6.6	6.8	6.6	6.5	6.8	6.6	6.9	7.0	6.8	6.8	6.7
Mittel d.	365 Tage	5.5	5.7	5.6	5.6	5.4	5.4	5.7	5.4	5.4	5.3	5.2	5.0	5.0	5.0	4.9	5.2	5.4	5.6	5.6	5.5	5.6	5.7	5.7	5.9	5.4

NB. Wegen Anemometerdefekt sind vom März bis Juli die Werte der Windgeschwindigkeit zu niedrig.

Uebersicht über den täglichen Gang des Luftdrucks.

1918. Abweichungen vom Monatsmittel. **Bern.**

	Mittel 700+	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}	Amplitude
Januar	14.82	-.02	-.07	-.19	-.35	-.41	-.36	-.24	-.12	.03	.21	.17	-.05	-.34	**-.47**	-.42	-.26	-.06	.08	.22	.38	.47	.55	**.67**	.59	1.14
Februar	18.72	**.72**	.66	.47	.36	.34	.34	.44	.52	.50	.39	.34	.04	-.31	-.62	-.74	**-.80**	-.73	-.55	-.37	-.28	-.23	-.18	-.12	-.11	1.52
März	11.35	.13	.05	-.08	-.08	-.02	.10	.26	.36	**.39**	.37	.25	.09	-.14	-.37	-.50	**-.54**	-.48	-.31	-.16	.00	.11	.17	.24	.23	.93
April	6.87	.14	.00	-.15	-.24	-.22	-.09	.01	.08	.13	.12	.02	-.13	-.21	-.30	**-.39**	**-.39**	-.34	-.18	.00	.27	.38	.51	**.54**	**.54**	.93
Mai	11.96	.13	.11	.08	.08	.25	.38	**.51**	.49	.39	.27	.14	-.05	-.31	-.45	-.58	-.68	**-.69**	-.61	-.41	-.12	.17	.25	.34	.37	1.20
Juni	13.12	.30	.18	.05	.01	-.03	-.05	.10	.16	.11	.05	-.05	-.14	-.23	-.23	-.26	-.33	**-.38**	-.30	-.14	.01	.29	**.32**	.28	.20	.70
Juli	13.27	.23	.15	.08	.13	.21	.28	.35	.31	.24	.15	.08	-.08	-.25	-.40	-.48	-.55	**-.58**	-.48	-.35	-.18	.13	.26	**.38**	.35	.96
August	14.29	.28	.16	.10	.04	.10	.24	.41	.41	**.42**	.31	.17	-.06	-.28	-.40	-.52	-.57	**-.59**	-.58	-.41	-.09	.10	.17	.29	.29	1.01
Septbr.	11.78	.01	-.16	-.25	-.31	**-.35**	-.22	.01	.14	.30	.31	.26	.08	-.09	-.21	-.30	-.34	**-.35**	-.22	.00	.27	.39	**.43**	.39	.27	.78
Oktober	12.43	.28	.15	.00	-.02	-.05	-.02	.18	.25	.27	.25	.16	-.08	-.37	-.48	-.51	**-.53**	-.42	-.17	.00	.14	.27	**.37**	.18	.19	.90
Novbr.	13.40	.06	.04	-.08	-.14	-.17	-.14	-.01	.09	.13	.15	.07	-.20	-.42	**-.50**	-.42	-.29	-.14	.05	.18	.26	.35	.35	**.47**	.37	.97
Dezbr.	12.64	.09	.20	.20	.17	.09	.12	.24	.36	.51	**.60**	.46	.10	-.29	**-.40**	-.39	-.37	-.31	-.23	-.18	-.21	-.26	-.26	-.17	-.19	1.00

Extreme des Luftdrucks.

1918. **Bern.**

	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.
Mittleres Maximum	17.18	20.64	13.09	8.92	13.37	14.67	14.62	15.49	13.58	14.12	14.88	14.47
Mittleres Minimum	12.65	17.12	9.74	5.18	10.69	11.76	12.08	13.17	9.85	10.91	12.23	10.51
Differenz	4.53	3.52	3.35	3.74	2.68	2.91	2.54	2.32	3.73	3.21	2.65	3.96
Absolutes Maximum	26.9	26.4	22.6	14.3	17.9	20.0	18.3	19.7	19.3	20.2	23.1	22.9
Absolutes Minimum	-7.9	-0.5	-1.9	-2.9	0.5	1.9	9.5	7.7	0.8	4.4	4.2	-0.9
Differenz	34.8	26.9	24.5	17.2	17.4	18.1	9.8	12.0	18.5	15.8	18.9	23.8

Uebersicht über den täglichen Gang der Temperatur.

1918. Abweichungen vom Monatsmittel. **Bern.**

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	-1.34	-1.59	-1.75	-1.96	-2.11	-2.13	-2.23	**-2.27**	-2.16	-1.48	-0.45	1.02	2.21	3.08	3.59	**3.72**	3.32	2.34	1.59	0.82	0.21	-0.41	-0.81	-1.16	-1.32
Febr.	0.38	-1.91	-2.19	-2.45	-2.66	-2.77	-2.90	**-2.99**	-2.73	-1.52	-0.17	1.31	2.51	3.41	3.81	**4.17**	3.97	3.24	2.08	1.17	0.39	-0.29	-0.78	-1.16	-1.48
März	3.80	-2.84	-3.03	-3.35	-3.63	-3.88	**-4.09**	-4.02	-2.76	-0.39	1.22	2.90	3.79	4.16	4.54	**4.79**	4.55	4.04	2.73	1.27	0.21	-0.75	-1.32	-1.89	-2.31
April	7.73	-2.21	-2.49	-2.73	-3.02	-3.20	**-3.25**	-2.63	-1.36	0.04	1.06	2.03	2.76	3.26	**3.47**	3.46	3.35	2.86	2.15	1.13	0.12	-0.51	-1.03	-1.43	-1.74
Mai	14.04	-3.76	-4.27	-4.69	-5.00	**-5.14**	-4.30	-2.53	-0.54	1.20	2.76	3.64	4.16	4.30	**4.43**	4.18	4.36	4.02	3.34	1.72	0.20	-0.87	-1.75	-2.37	-3.00
Juni	13.54	-3.29	-3.87	-4.31	**-4.58**	-4.46	-3.38	-1.77	-0.36	0.99	2.42	3.39	3.65	3.60	**3.66**	3.53	3.46	3.32	2.79	1.76	0.40	-0.60	-1.45	-2.19	-2.71
Juli	17.44	-3.63	-4.02	-4.45	-4.80	**-4.90**	-3.81	-2.14	-0.49	0.93	2.31	3.23	3.73	3.80	4.25	**4.29**	4.05	3.93	3.35	2.24	0.54	-0.86	-1.81	-2.56	-3.08
Aug.	16.92	-3.70	-4.01	-4.29	-4.53	**-4.78**	-4.55	-2.99	-0.80	1.20	2.54	3.69	4.27	4.02	**4.86**	4.69	4.56	4.10	3.21	1.52	-0.04	-1.32	-2.18	-2.82	-3.33
Sept.	13.84	-2.33	-2.54	-2.77	-3.06	-3.28	**-3.48**	-2.77	-1.23	0.28	1.30	2.29	3.21	3.65	**4.00**	3.95	3.71	3.15	1.96	0.64	-0.26	-1.08	-1.29	-1.78	-2.20
Okt.	6.80	-1.59	-1.77	-1.85	-1.96	-2.10	**-2.17**	-2.12	-1.63	-0.49	0.68	1.87	2.65	2.87	**3.33**	3.28	2.84	1.92	0.93	0.27	-0.23	-0.72	-1.11	-1.37	-1.56
Nov.	3.04	-1.14	-1.21	-1.26	-1.34	-1.47	-1.51	**-1.54**	-1.30	-0.84	0.01	1.00	1.71	2.26	2.50	**2.55**	2.08	1.43	0.88	0.40	-0.10	-0.44	-0.68	-0.85	-1.06
Dez.	2.83	-0.76	-0.76	-0.83	-0.83	-0.91	**-1.11**	-1.01	**-1.11**	-0.65	0.07	0.70	1.46	2.08	**2.13**	2.01	2.01	0.46	0.16	0.02	-0.21	-0.38	-0.47	-0.63	-0.62

Extreme der Temperatur.

1918. **Bern.**

	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.
Mittleres Maximum	2.98	4.86	9.02	11.75	19.12	18.15	22.31	22.19	18.73	10.36	5.82	5.93
Mittleres Minimum	-5.13	-3.11	-0.57	4.01	8.62	8.35	12.25	11.54	9.60	3.83	0.75	0.19
Differenz	8.11	7.97	9.59	7.74	10.50	9.80	10.06	10.65	9.13	6.53	5.07	5.74
Absolutes Maximum	12.0	11.9	16.6	17.9	25.0	24.3	30.2	30.7	25.4	17.4	13.5	11.9
Absolutes Minimum	-16.8	-10.4	-5.9	0.3	5.1	3.3	7.6	6.1	5.1	-1.3	-5.2	-5.2
Differenz	28.8	22.3	22.5	17.6	19.9	21.0	22.6	24.6	20.3	18.7	18.7	17.1

Stündliche Mittel der relativen Feuchtigkeit.

1918. Registrierungen eines Haarhygrometers. **Bern.**

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Januar	88.0	91.6	93.0	93.1	92.8	92.9	92.8	92.5	92.8	91.9	89.9	86.6	81.2	77.2	76.1	76.0	78.0	82.8	86.0	87.8	89.4	91.5	91.6	92.0	92.4
Februar	84.1	92.9	93.7	93.9	94.2	94.0	93.6	93.4	92.2	88.0	82.0	75.2	71.0	68.9	67.7	66.1	67.4	72.2	79.5	83.7	85.8	88.7	90.2	91.9	92.7
März	77.8	93.5	93.5	94.2	95.	95.4	95.1	93.7	87.8	77.0	68.1	60.3	57.1	55.8	54.0	53.1	55.1	58.1	65.4	74.3	80.6	85.5	88.6	91.9	93.3
April	83.3	97.8	98.5	98.4	98.4	98.6	98.4	95.0	88.4	81.2	75.2	70.2	66.6	63.3	63.1	63.0	63.1	66.4	71.9	79.2	87.0	91.3	93.0	95.1	96.2
Mai	70.1	91.6	94.1	94.8	94.6	94.7	90.6	82.5	73.0	64.5	57.1	52.9	48.7	46.6	45.8	47.1	47.4	48.4	52.8	60.0	69.5	75.6	80.2	83.7	87.3
Juni	73.7	92.0	95.5	96.5	96.2	95.6	89.9	82.6	77.5	69.9	62.9	57.0	54.4	52.7	53.3	54.1	54.3	55.5	58.4	63.7	70.6	77.8	83.0	87.0	90.0
Juli	71.3	90.9	91.9	93.1	94.6	94.8	89.4	81.0	72.5	66.1	59.6	54.9	52.1	51.9	48.6	46.4	48.8	51.2	54.1	60.9	69.9	78.1	84.5	87.2	89.3
August	73.7	94.1	94.8	95.0	95.2	95.8	94.7	88.9	78.0	70.0	62.0	54.8	51.1	48.8	46.7	47.2	49.1	50.9	55.3	64.8	76.5	83.7	87.7	90.6	92.8
September	81.8	92.7	93.7	94.6	94.9	95.1	94.9	92.8	86.2	80.1	74.9	70.8	66.3	64.0	61.3	60.6	63.4	67.6	73.9	82.2	88.1	89.8	90.1	92.0	92.8
Oktober	89.9	96.6	96.7	97.0	97.0	97.0	97.2	97.3	95.6	92.8	87.8	81.5	75.9	74.0	72.5	73.2	76.7	84.7	90.0	93.0	94.7	95.8	96.2	96.5	96.7
November	91.7	96.0	95.7	95.7	95.7	96.5	96.6	96.5	95.9	94.6	91.9	88.4	85.0	82.4	81.2	81.4	84.7	88.8	89.6	91.6	93.4	94.1	94.4	95.2	95.8
Dezember	91.9	94.5	93.8	93.7	93.6	92.6	93.1	92.4	93.2	92.9	90.5	89.5	87.0	84.0	83.9	86.2	89.5	92.9	94.5	95.5	95.2	95.0	94.6	94.8	93.8
Mittel	81.4	93.7	94.6	95.0	95.2	95.3	93.9	90.7	86.1	80.8	75.2	70.2	66.4	64.1	62.9	62.9	64.8	68.3	72.6	78.1	83.4	87.2	89.5	91.5	92.8

Uebersicht über den täglichen Gang der Temperatur.

1918. Abweichungen vom Monatsmittel. **Wintersingen (Baselld.).**

	Mittel	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}	13^{30}	14^{30}	15^{30}	16^{30}	17^{30}	18^{30}	19^{30}	20^{30}	21^{30}	22^{30}	23^{30}	0^{30}
Jan.	-0.23	-1.06	-1.08	-1.13	-1.84	-2.03	-2.06	**-2.52**	-2.32	-1.53	0.53	1.25	2.99	3.62	**3.63**	3.21	2.02	0.89	0.28	-0.13	-0.34	-0.27	-0.61	-0.66	-0.85
Febr.	0.66	-2.10	-2.36	-2.47	-2.51	-2.49	-2.54	**-2.73**	-2.12	-0.38	1.44	2.45	3.55	4.31	**4.54**	4.41	3.82	2.14	0.28	-0.46	-0.90	-1.05	-1.35	-1.53	-1.77
März	4.15	-2.83	-3.01	-3.37	-3.72	-4.04	**-4.26**	-3.72	-1.42	0.67	2.53	3.70	4.25	4.62	**5.24**	5.13	4.75	3.80	1.46	-0.19	-1.03	-1.60	-2.11	-2.36	-2.50
April	7.90	-2.34	-2.48	-2.66	-2.98	**-3.17**	-2.93	-1.77	-0.56	0.45	1.22	2.08	2.93	3.46	**3.87**	3.73	3.26	2.68	1.63	0.18	-0.60	-1.11	-1.34	-1.57	-1.94
Mai	13.82	-4.43	-4.85	-5.22	**-5.48**	-5.34	-4.05	-1.86	-0.29	1.21	2.70	3.84	4.80	5.50	**5.81**	5.64	5.20	4.84	3.58	1.33	-0.91	-2.05	-2.71	-3.34	-3.94
Juni	13.11	-3.71	-4.17	-4.43	**-4.68**	-4.57	-3.17	-1.65	-0.29	0.93	1.84	2.83	3.80	4.32	4.74	**4.93**	4.44	4.03	3.28	1.69	-0.34	-1.63	-2.39	-2.69	-3.18
Juli	16.75	-3.92	-4.32	-4.75	**-5.24**	**-5.24**	-4.29	-1.78	-0.36	1.23	2.19	3.19	4.26	4.70	5.09	**5.26**	4.91	4.61	3.46	1.60	-0.46	-1.68	-2.33	-2.80	-3.36
Aug.	16.06	-3.77	-4.10	-4.27	-4.53	**-4.71**	-4.42	-2.46	-0.62	1.33	2.72	3.81	4.65	5.23	**5.26**	5.25	4.94	4.51	2.99	0.77	-1.08	-2.07	-2.83	-3.19	-3.50
Sept.	13.36	-2.73	-2.77	-2.84	**-2.94**	-2.82	-2.77	-1.87	-0.72	0.52	1.95	3.08	3.72	4.06	**4.28**	4.15	3.66	2.80	1.36	-0.14	-1.08	-1.54	-1.96	-2.61	-2.91
Okt.	6.86	-1.45	-1.68	-1.73	-1.91	-1.90	**-2.06**	-1.76	-0.84	0.32	1.63	2.36	2.76	3.13	**3.25**	3.11	2.53	1.29	-0.23	-0.64	-0.94	-1.17	-1.37	-1.31	-1.48
Nov.	3.60	-1.13	-1.32	-1.38	-1.45	-1.43	-1.64	**-1.68**	-1.23	-0.14	0.99	1.82	2.42	**2.75**	**2.75**	2.46	1.59	0.76	0.09	-0.30	-0.52	-0.66	-0.83	-0.83	-1.01
Dez.	3.85	-0.55	-0.41	-0.43	-0.62	-0.79	-0.87	-0.82	**-0.94**	-0.30	0.55	1.22	1.65	**1.96**	1.88	1.56	0.62	0.02	-0.33	-0.42	-0.55	-0.55	-0.70	-0.69	-0.46

Anhang

zum Jahrgang 1918 der

Annalen der schweizerischen meteorologischen Zentralanstalt.

Ergänzende Beobachtungen und

Abhandlungen.

Nr. 1.

Uebersicht über den Witterungsverlauf in der Schweiz im Jahre 1918

von *Dr. R. Billwiller.*

Von den Jahreswerten der wichtigsten meteorologischen Elemente zeigen diejenigen der Temperatur am Nordfuss der Alpen allgemein einen Wärmeüberschuss von ca. 0.3—0.4 Grad. Die Niederschläge, die im allgemeinen etwas weniger häufig als normal waren, zeigen keine gleichsinnigen Abweichungen im ganzen Lande; während die Nordostschweiz, der Nordwestfuss des Jura und auch einzelne Alpentäler des Bündnerlandes kleinere Jahresmengen als die durchschnittlichen haben, werden die letzteren in den Berneralpen übertroffen. Die Sonnenscheindauer war in der Nord- und Ostschweiz die normale; am Genfersee ergab sich ein beträchtliches Plus.

In den einzelnen Monaten waren Charakter und Verlauf der Witterung folgender:

Trotz einiger sehr kalter Tage im ersten Monatsdrittel stellt sich der Januar im Mittel um ein bis zwei Grade höher als normal, da von der Monatsmitte an eine ganze Reihe ausserordentlich warmer Tage folgte. Die Niederschlagsverhältnisse waren — abgesehen von einem Ausfall im ostschweizerischen Alpengebiete — etwa die normalen; dagegen übersteigt die Sonnenscheindauer im Mittellande die durchschnittliche nicht unbeträchtlich. Eine Schneedecke lag in den Niederungen im allgemeinen in der ersten Hälfte des Monats. Auch die grösseren Seen waren um den 5./6. im Begriffe zuzufrieren (so der Bielersee zugefroren; auf dem Zürichsee Dampfschiffahrt zwischen Stäfa und Rapperswil eingestellt), als dann Erwärmung einsetzte.

Das seit Anfang Dezember herrschende Frostwetter hielt auch in der ersten Januarwoche an; dabei war es in den Niederungen vorwiegend trüb und in der Nacht vom 2./3. fiel in der Zentral- und Ostschweiz unter der Randwirkung einer aus dem hohen Norden über die Ostsee nach dem inneren Russland ziehenden Depression ganz unbedeutend Schnee. Nach Abzug derselben hatte vom 4. an auch das Mittelland heiteren Himmel, wobei der Frost sehr intensiv wurde. Eine neue aus dem Norden erscheinende Depression, die am 7. ihr Zentrum über dem Skagerrak hatte, brachte dann im Laufe des 6. ungemein rasche und intensive Erwärmung, welcher am 7. Regen folgte. War dieser in der Westschweiz nicht unbeträchtlich, so hatte die Ostschweiz am 8. — unter dem Einfluss eines Teilminimums über Polen — sehr ergiebigen Schneefall (bis zu 30 ‰ auch in den Niederungen) und es wurde wieder kalt. Doch kam die Rückseite der Depression nicht zu voller Ausbildung; neue Depressionen erschienen über Nordeuropa; steile barometrische Gradienten (West-Ostverlauf der Isobaren) bedingten böige Südwestwinde, Temperatur um Null und um den 10. neuerdings Schneefall. Im Laufe des 11. heiterte es dann auf und der 12. war bei in der Höhe anhaltend starkem Westwind ein heller Wintertag, bis am Abend — verursacht durch eine flache Teildepression über der Nordsee — sehr rasch Trübung und Regen folgte, der auch am 13. anhielt und auf dem gefrorenen Boden Glatteis bildete. Ein ganz heller Tag war dann bei Hochdruck über Frankreich der 14., während vom 15. an sich die Witterung unter dem Einflusse nördlicher Depressionen und Hochdruck über dem Süden des Erdteils bei südwestlicher Luftdrift sehr warm, trüb und zunächst meist regnerisch gestaltete. Mit dem 17. sistierten die Niederschläge und in der Folge stellte sich bei in den Alpentälern anhaltendem Föhn frühlingshaft warme, vorwiegend heitere Witterung ein. Diese Föhnperiode endigte am 23. ungewohnterweise ohne Wetterumschlag und für das Mittelland sogar ohne jeden Temperaturrückgang, da sich am genannten Tage über dem Kontinente eine starke allgemeine Druckzunahme einstellte und die nordwestliche Depression sich verflachte; Niederschläge fielen nur ganz unbedeutende, und schon der 24. war wieder ein auch in den Niederungen heller Tag. Unter dem Einflusse der zu ungewohnter Intensität ausgebildeten Antizyklone über dem Kontinente (780 m/m) stellte sich in der Folge in den Niederungen zeitweise Nebel ein, und die Temperatur sank auf und gegen den Schluss des Monats, wo der Nebel nicht mehr wich, unter die Normale; über dem tiefliegenden Nebelmeer (600—800 m) blaute bei Temperatur, die sogar in Säntishöhe über derjenigen des Mittellandes lag, ein stets unbewölkter Himmel.

Der Februar war ein trockener, relativ heller Monat mit im Mittel unbedeutenden Temperaturabweichungen vom Normale. Die letzteren sind im allgemeinen — trotz einiger kalter Tage — positiv, am erheblichsten auf den Gipfelstationen, was mit dem Vorherrschen von antizyklonalem Wetter zusammenhängt. Die Niederschläge blieben überall beträchtlich unter dem langjährigen Februardurchschnitt, am meisten im Südwesten (Genf) und im Süden des Landes

(Lugano), wo der Monat auch am hellsten war; Lugano hatte nur einen einzigen Tag mit Niederschlag und über 60 Stunden mehr Sonnenschein als normal. — Eine Schneedecke lag im allgemeinen nur in den höheren Berglagen (über 1500 m). Auf dem oberen Zürichsee hatte die Eisdecke den ganzen Monat hindurch Bestand, und in einigen hellen und ruhigen Nächten (10., 11., und 13.) zeigte sich auch über dem untern Seebecken schwache Eisbildung.

Der Hochdruck über dem Kontinente und mit ihm das in den Niederungen sehr trübe Frostwetter, das gegen Ende Januar eingesetzt hatte, hielt zunächst auch im Berichtsmonat an; während im Mittellande nur die über dem allerdings sehr tiefen Nebelmeer (700—800 m) liegenden Höhen hellen Himmel hatten, blieb der Nordwestfuss des Jura anhaltend nebelfrei! Erst um den 6. vermochte das im NW liegende Depressionsgebiet ostwärts an Raum zu gewinnen, was dann auf den 7. zu beträchtlicher Erwärmung Veranlassung gab. Da aber die Depressionsbahn über Nordeuropa führte, und der Luftdruck über dem SW des Kontinentes hoch blieb, fielen keine nennenswerten Niederschläge; es blieb fortdauernd warm bei südwestlicher Luftbewegung und leichterer Bewölkung, welche in der Folge, als der hohe Druck sich wieder gegen das zentrale Europa ausbreitete, ganz verschwand. — Ein von England nach Deutschland vordringender Tiefdrucksausläufer verursachte dann am 13. Trübung und in der Ost- und Zentralschweiz Niederschläge, denen — bedingt durch raschen Vorstoss einer Hochdruckszone aus N gegen Zentraleuropa — Aufheiterung und kräftige Bise mit namentlich in der Höhe aussergewöhnlich starkem Temperatursturz folgte. Doch machte sich auf den Höhen sehr bald die dynamische Erwärmung der absteigenden Luftbewegung in der Antizyklone, deren Kern über den baltischen Provinzen stationär geworden war, bemerkbar, während die Kälte über dem Mittellande, über dem vielfach Hochnebel auftrat, bis zum 20. anhielt. Vom 20. auf den 21. trat dann, verursacht durch den Einbruch einer nordwestlichen Depression mit Teilminimum über Deutschland, auch im Mittelland Erwärmung und im Laufe des Tages etwelcher Niederschlag ein, der sich vom 22. auf den 23., als der nach N abziehenden Depression hoher Luftdruck aus SW folgte, wiederholte und diesmal im Alpengebiete grössere Beträge erreichte. Eine, übrigens in den Niederungen wegen Nebelbildung noch mehr verkürzte Aufheiterung am 23./24. war nicht von Dauer, indem schon am 25. der Vorübergang einer nördlichen Depression mit weit in den Kontinent reichendem Teilminimum wieder trübe, regnerische Witterung brachte. Und schliesslich fielen in der Nacht vom 28. Februar auf den 1. März unter dem Einflusse einer von der Nordsee sich nach dem zentralen Europa fortbewegenden Depression allgemein in Schnee übergehende Niederschläge.

Der März war ein recht heller und ziemlich trockener Monat. Die Temperaturmittel sind, wenigstens in der Ostschweiz und auf den Höhenstationen, etwas höher als die normalen; besonders hervorgehoben werden muss die auch im Monatsmittel noch sehr grosse tägliche Schwankung: während in den hellen Nächten das Thermometer jeweilen auch im Mittelland unter den Gefrierpunkt sank, und die Fläche des Zürichsees mehrere Male auch im untern Seebecken morgens schwache Eisbildung zeigte, wurde es mittags schon ziemlich warm. Die Niederschläge waren der Häufigkeit und in der Ostschweiz auch der Quantität nach spärlicher als durchschnittlich; nur in den Alpentälern wurden die Mittelwerte erreicht oder auch überschritten infolge der grossen zu Beginn des Monats niedergegangenen Mengen, welche im Tessin sogar ein starkes Plus bedingten. Entsprechend der grossen Helligkeit des Himmels übersteigt die Sonnenscheindauer im Mittelland das Normale um ca. 60 Stunden; kleiner ist der Ueberschuss auf den Höhenstationen, und im Tessin wurde etwas weniger als durchschnittlich im März registriert.

Der Tiefdruck, der sich auf den 1. über Zentraleuropa eingestellt und in der Nacht vom 28. Februar auf 1. März allgemein Regen und später Schnee gebracht hatte, blieb einige Tage stationär und mit ihm die trübe Witterung mit zeitweisen weiteren Schneefällen; namentlich in den Alpentälern fielen bedeutende Schnee-, im Tessin sehr grosse Regenmengen. Vom 4. an begann dann der in N und NE liegende Hochdruck gegen Zentraleuropa vorzustossen und den Tiefdruck nach SW abzudrängen; die Niederschläge sistierten, und die Bewölkung wurde leichter; in den Alpentälern ging am 5. der Föhn. Auch die folgenden Tage waren — abgesehen vom 7., der sich zufolge Hochnebelbildung in der Ostschweiz trübe anliess — vielfach sonnig; vollständig heiter wurde es dann vom 9. an, als die Druckdifferenzen über dem Kontinent sich zufolge Druckerhöhung im Süden mehr ausgeglichen hatten. Am 14. stellte sich neuerdings Tiefdruck im SW ein, während gleichzeitig der Kern des Hochdruckes Zentraleuropa näher gerückt war (Westrussland): in der Ostschweiz frischte Bise auf, und der 15. war hier und in der Zentralschweiz trüb mit strichweisem Niederschlag und starkem Temperaturfall. Schon auf den 16. trat — zunächst unter Föhneinfluss — völlige Aufheiterung ein, die bis zum 19. anhielt, da Zentraleuropa wieder in den Bereich der östlichen Antizyklone kam. In der Nacht vom 19. auf den 20. fiel als Randwirkung einer nordwestlichen Depression, die aber sehr rasch nach N abgedrängt wurde, etwas Niederschlag, und der 20. war vorwiegend trüb. Dann wurde wieder hoher Druck, dessen Kern diesmal über Nordfrankreich zu liegen schien, bestimmend für die trockene Witterung mit nur leichter Bewölkung und zunehmender Temperatur. Ganz heiter war der 24., während am 25. eine von der Ostsee nach dem SE des Kontinentes fortschreitende Depression Trübung und in der Zentral- und Ostschweiz auch geringe nachfolgende Niederschläge in der Form von Schnee brachte, da die Temperatur bei Bise stark zurückging. Noch einmal folgten am 27. und 28. ziemlich helle Tage unter Einfluss relativen Hochdruckes über dem Kontinent. Dann gewann ein nordwestliches Depressionsgebiet an Raum, und die Witterung liess sich über die Osterzeit windig und regnerisch an.

Auf den sehr hellen März folgte ein äusserst trüber April. Für gewisse Landesteile (Alpensüdfuss und Jurakantone) war es sogar der trübste April unserer langjährigen Beobachtungsreihe; der Ausfall an Sonnenschein beträgt für Lugano volle 126, für das Mittelland ca. 80 Stunden; nur Genf zeigte ein etwas kleineres Defizit. Die Niederschläge übersteigen — abgesehen von der Nordostschweiz und den Alpentälern — die durchschnittlichen Aprilmengen etwas; sehr beträchtlich ist der Ueberschuss im Tessin, wo Lugano nicht weniger als 23 Niederschlagstage zählte, welche Zahl (seit 1864) noch nie vorkam. Die Temperaturmittel liegen in der Ostschweiz etwas über, in der Westschweiz etwas unter den Normalwerten; nach einigen warmen Tagen in der 3. folgte eine Reihe sehr kühler Tage in der 4. und 5. Pentade.

Eine nordwestliche Depression entwickelte — nach erheblichen Regenfällen im Tessin und auch am untern Genfersee bei Föhnlage am 1. April — auf den 2. ein Teilminimum über Deutschland; doch blieben die Niederschläge in der Ostschweiz ganz unbedeutend. Druckzunahme über dem SW des Kontinentes und dem Alpengebiete brachten dann auf den 3. rasche Aufheiterung und am 4. setzte neuerdings Föhn ein. In der Folge zeigten die Wetterkarten über Zentraleuropa relativ niedrigen, gleichmässig verteilten Druck; bei starker Bewölkung fielen in unserem Lande zeitweise leichte Niederschläge; erheblicher waren letztere am 7. im Westen des Landes. Auf den 9. stellte sich mit einer südwestlichen Depression wieder Föhnlage und damit auf der Südseite der Alpen, sowie im oberen Wallis und seinen Seitentälern wieder sehr ergiebige Regenfälle ein; die Verlagerung der flachen Depression nach Zentraleuropa bedingte dann am 10. auch diesmal nordwärts der Alpen nur unbedeutende Niederschläge, da kein Hochruck nachfolgte, sondern die Depression sich allmählich verflachte, wobei leichter bewölktes, föhniges Wetter herrschte, und die Temperatur erheblich anstieg. Eigentlicher Föhn setzte dann mit dem Erscheinen einer neuen südwestlichen Depression am 13. ein; diese schlug in der Folge eine ostwärts mitten durch die Alpenländer gerichtete Bahn ein, wobei vom Abend des 14. an in der West-, vom Abend des 15. an in der Ostschweiz stärkere Niederschläge fielen, die ihr Maximum in der Zentralschweiz erreichten; die Temperatur fiel unter die normale. Noch tiefer sank die Temperatur, als nach einigen trüben Tagen sich auf den 19. ein Minimum über der nördlichen Adria und Nieder-Oesterreich ausbildete; die im ganzen Lande fallenden Niederschläge gingen auch im Mittellande bei Temperaturen um den Nullpunkt in Schnee über, und auch die allerdings unbedeutenderen Niederschläge der nächsten Tage — flache Depressionen über dem zentralen, hoher Druck über dem nördlichen Europa — fielen zeitweise als Schnee. Erst um den 23./24. hellte es auf und wurde wieder etwas wärmer, besonders als sich am 25. und 26. leichte Föhnlage einstellte zufolge Druckzunahme am Alpensüdfusse. Schon vom 27. an waren aber wieder flache Depressionen über Zentral- und Südeuropa bestimmend für die trübe und vielfach regnerische Witterung der letzten Tage des Monats.

Der Mai war ein ziemlich warmer, recht trockener und sonniger Monat. Die Mittelwerte der Temperatur liegen $1^1/_2$ bis 2 Grade über den normalen zufolge der warmen Witterung der 4. und 5. Pentade, deren Ueberschuss durch keine der sonst häufigen Kälterückfälle kompensiert wurde. Die Niederschlagsmengen blieben beträchtlich unter den durchschnittlichen Maisummen, am meisten im Osten und im äussersten Südwesten des Landes, wo nur ca. $^1/_4$ der letzteren erreicht wurde; am Südfuss der Alpen ist der Ausfall dagegen nur unbedeutend. Hier war der Monat auch nicht so viel heller als normal; das Plus an Sonnenschein beträgt für Lugano 20 Stunden, während es nordwärts der Alpen bis zu 60 Stunden erreicht (Genf und Bern).

Im Anschluss an die trübe und regnerische Witterung der letzten Apriltage fielen auch am 1. Mai wenigstens in der Ostschweiz noch Niederschläge; vom 2. an war dann die Witterung bei steigender Temperatur vorwiegend heiter, bis am 5. eine flache westliche Depression Trübung, aber zunächst — abgesehen vom Tessin — nur am Genfersee etwas Regen brachte, da sich Föhnlage einstellte und bis zum 7. anhielt. An diesem Tage zog ein Teiltief längs des Alpennordrandes ostwärts und bedingte nun im grössten Teile des Landes Niederschlag. In der Folge blieb relativ niedriger Druck über dem Kontinent bestehen bei Hochdruck im Nordosten; doch war die Witterung trocken bei mittags stärkerer Bewölkung. Ergiebige Niederschläge brachte in der Nacht vom 11./12. der Einbruch einer nordwestlichen Depression in den Kontinent, unter deren Einfluss auch die nächsten Tage noch vorwiegend trüb und regnerisch waren, so namentlich der 14., an dem auch die Temperatur unter die normale zurückging. Am 15. heiterte es dann bei über dem Kontinente gleichmässig verteilten Drucke auf, und es wurde nun für die Jahreszeit recht warm und blieb es auch, als an den wundervollen Pfingsttagen (19./20.), verursacht durch Druckzunahme im Nordwesten des Kontinentes, leichte Bise auffrischte. In den Alpen kamen an diesen und an den nächsten Tagen, als der Kern der Antizyklone mehr über dem zentralen Europa lagerte, lokale Nachmittagsgewitter mit unbedeutenden Niederschlägen vor. Mit dem 24. wurde es dann, als eine nordwestliche Depression erschien, und in der Folge sich ein Teilminimum davon über Südschweden ostwärts bewegte, stärker bewölkt, und es gingen kurze, wenig ergiebige Regenschauer nieder, am 26. mit Gewittererscheinungen namentlich im Osten des Landes. Dann gewann ein nordwestliches Hochdrucksgebiet wieder Raum über dem Kontinent, und die letzten Tage des Monats waren wieder vorwiegend heiter, ohne dass es aber jetzt eigentlich warm wurde, da tiefer Druck über dem Mittelmeer zeitweise stärkere Bise bedingte.

Der Juni war sehr kühl; mit einem Wärmeausfall von annähernd 3 Graden in der Ostschweiz gehört er zu den kühlsten Junimonaten; bedeutend kleiner ist das Defizit im Westen des Landes (Genf 1.4°). Die Niederschläge

überschreiten, trotzdem sie bis zum 10. ganz fehlten, die normalen Mengen nicht unbeträchtlich; ganz besonders gilt dies vom Genferseegebiet, wo das Doppelte fiel; nicht erreicht wurden die langjährigen Mittelwerte am Nordwestfuss des Jura (Basel), im äussersten Nordosten und im Tessin. Die Sonnenscheindauer war annähernd die normale.

Unter dem Einfluss des über dem Nordwesten des Kontinentes persistierenden Hochdruckes hielt die trockene, vorwiegend helle, aber nur mässig warme Witterung, die um Mitte Mai eingesetzt hatte, an; die dabei herrschende nördliche Luftdrift wurde besonders kräftig um den 5. (als ein barometrisches Minimum über Osteuropa lag); sie erniedrigte die Temperatur trotz der untertags starken Insolation dermassen, dass am Morgen des 5., namentlich aber am 6. die Kulturen vielfach Frostschaden erlitten. Später verlagerte sich der Hochdruckkern mehr gegen das zentrale Europa, und die Temperatur hob sich wieder auf die normale. Am 10. brachte dann der Einbruch einer flachen westlichen Depression in den Kontinent das Ende dieser ungewöhnlich langen Trocken- und Schönwetterperiode, wobei das Gebiet zwischen Genfer- und Vielwaldstättersee die grössten, das ostschweizerische Alpengebiet zunächst nur sehr geringe Regenmengen erhielt. Die Trockenperiode hatte für Zürich absolut 14, für Genf 18 Tage gedauert; sieht man aber ab von je einem ganz unbedeutenden, für die Vegetation nicht in Betracht kommenden Regenfall, so beträgt ihre Dauer sowohl für Zürich als für Genf 25 Tage. Dazu kommt noch, dass die vorausgegangenen Monate ein sehr grosses Niederschlagsdefizit aufwiesen; so lassen sich die schweren Befürchtungen verstehen, die unsere Landwirte für die Entwicklung der Kulturen hegten. Die nächsten Tage waren bei hochnebelartiger Bewölkung trüb; am 12. fielen namentlich in der Zentralschweiz wieder stärkere Niederschläge. Auf den 13. trat unter dem Einflusse eines von Westen vorstossenden Hochdruckskeiles nochmals rasche Aufheiterung und Temperaturzunahme ein; der helle 14. hatte im allgemeinen die recht bescheidenen Maximaltemperaturen des Monats. Mit den durch Gewitter eingeleiteten, besonders in der Westschweiz sehr ergiebigen Niederschlägen vom 15. begann dann eine längere, vorwiegend trübe, kühle und regnerische Periode; die Temperatur hielt sich sogar vom 16. bis zum Schlusse des Monats ganz beträchtlich unter der normalen. Besonders grosse Niederschläge fielen am 16. und 17. im Tessin und am 17., als eine Depression auf östlicher Bahn mitten durch Zentraleuropa zog, auch in der ostschweizerischen Voralpenzone; die folgenden Tage brachten nur leichtere, der 20. und 21. bei böigen Westwinden wieder stärkere Niederschläge. Vom 23. an zeigte dann die Witterung stark variablen Charakter; es fielen zwar noch öfters Niederschläge, aber nur noch von kurzer Dauer und hie und da mit Gewittererscheinungen; in der Westschweiz war diese Periode weniger bewölkt als im Westen des Landes.

Der Juli war ein trockener, im ganzen recht sonniger Sommermonat. Die Monatsmittel der Temperatur erreichen zwar die normalen nicht ganz, trotz einiger sehr warmer Tage um die Monatsmitte, da es zu Anfang und gegen Ende des Monats kühle Tage gab. Die Niederschläge blieben nach Häufigkeit und namentlich nach Menge unter den durchschnittlichen Juliwerten; im Jura und in der Zentralschweiz wurden nicht einmal die Hälfte gemessen; anhaltender Landregen fehlte sozusagen ganz; nur das Tessin hatte zufolge einiger reichlichen Regenfälle ungefähr die normalen Regensummen. Hier blieb die Sonnenscheindauer auch eher etwas unter der durchnittlichen, während der Alpennordfuss ein Plus aufweist, das am grössten ist am Genfersee.

In den letzten Tagen des Juni hatte es unter dem Einflusse von Hochdruck mit Kern über dem Kanalgebiet aufgeheitert, doch blieb die Temperatur zufolge Bise unter der normalen. Am 2. Juli brachte eine aus dem Südosten gegen Polen herangezogene Depression in der Ost- und Zentralschweiz leichte Gewitterregen, denen am 3. und 4., als der vorübergehend zurückgewichene Hochdruck wieder vorstiess, in den gleichen Landesteilen stärkere Niederschläge folgten. Am 5. begann es mit der Verflachung des östlichen Depressionsgebietes aufzuheitern, und der 7. und 8. waren im ganzen Lande helle Tage. Am 9. bedingte eine von Westen in den Kontinent eingedrungene Depression Gewitterregen, und auch der 10. brachte bei vereinzelten Gewittererscheinungen ergiebige Regenfälle, die auf der Südseite der Alpen die maximale Intensität erreichten. (Locarno 197 m/m am 9. und 10.) In der Folge lagen flache Depressionen im Nordwesten bei etwas höherem Drucke über dem Kontinente; die Witterung war veränderlich bewölkt bis heiter, letzteres namentlich im Westen des Landes; am 14. verursachte eine vom Kanal rasch nach Mitteldeutschland fortschreitende Teildepression vorübergehende Trübung mit unbedeutendem Niederschlag. Schon auf den 15. heiterte es aber wieder auf, und es wurde nun — der höchste Druck hatte sich nach dem Alpensüdfusse verlegt — rasch warm; die Maximaltemperaturen, die seit 1911 nicht mehr erreicht wurden, fallen auf den 17. (Zürich 35.3° am Maximumthermometer). Auch nachher blieb die Witterung vorwiegend heiter, wenn auch am 18. und ebenso am 20., an welchem Tage es nochmals sehr warm wurde, in der Zentral- und Ostschweiz leichtere Gewitter vorkamen. Allgemeine Trübung mit Niederschlag trat erst am 23. ein beim Vorübergang eines vom Kanal fortschreitenden Teilminimums; aber schon vom 24. an war die Witterung wieder trocken bei veränderlicher, aber vorherrschend leichterer Bewölkung. Der nochmalige Einbruch einer aus gleicher Richtung kommenden Teildepression brachte dann vom 26. auf den 27. nicht nur Niederschlag, sondern auch empfindlichen Temperaturrückgang, da im Westen höherer Druck nachrückte; so fiel am 27. und 28. Neuschnee bis auf ca. 2000 m herab. Auf den 29. heiterte es auf, und bei voller Insolation hob sich die Temperatur bis zum Monatsschluss wieder auf die normale.

Der August war ein relativ trockener und recht sonniger Monat; das gilt namentlich vom Südwesten des Landes. In Genf erreichten die Niederschläge nur ungefähr den dritten Teil des langjährigen Augustmittels, im Mittellande ca. ⅔ und an der Ostgrenze ungefähr die normalen Mengen. In Genf war seit 1864 nur der August 1911 heiterer (2.6)

als der diesjährige (2.9), in der Ostschweiz dagegen war die Sonnenscheindauer ungefähr die durchschnittliche. Trotzdem es in der zweiten Hälfte recht warme Tage gab, sind die Temperaturmittel wenig verschieden von den normalen; sie liegen in der Ostschweiz ein paar Zehntel darunter, in der Westschweiz darüber.

Der 1. war im Anschluss an die letzten hellen Julitage noch heiter; am 2. trat zufolge Eindringens einer flachen nordwestlichen Tiefdruckzone in den Kontinent Trübung ein mit namentlich in der Ost- und Zentralschweiz erheblichen Niederschlägen; im oberen Tessin fielen an diesem Tage sehr starke Gewitterregen, die sich am 3. im ganzen Kanton wiederholten; auch in Bünden fielen sehr starke Niederschläge. Die Witterung blieb in der Folge — wenigstens in der Zentral- und Ostschweiz — stark bewölkt mit häufigen Niederschlägen, von denen die weit verbreiteten ergiebigen Gewitterregen des 6. zu erwähnen sind. Eine Aufheiterung am 8. zufolge Vorstosses von Hochdruck aus Westen war noch nicht von Dauer, da eine Depression über der Nordseeküste am 9./10. noch einmal Trübung und Niederschlag brachte. Dagegen setzte dann mit dem 11. eine (von kurzen Gewitterregen am 13. in der Zentral- und Ostschweiz abgesehen) bis zum 24. anhaltende Trocken- und meist auch Schönwetterperiode ein. Bis zum 15. lag dabei die Temperatur ungefähr um die normale, vom 16. bis 18., trotz in der Westschweiz zeitweise stärkerer Bewölkung, erheblich darüber, um dann am 19./20. — bedingt durch nordwestliche Luftdrift — wieder auf die normale zurückzugehen. Sehr warm wurde es dann an den ganzen hellen Tagen nach dem 20., als nicht nur im SW, sondern auch über dem S des Kontinentes hoher Druck lagerte; am 22. und 23. wurden sehr hohe Wärmegrade erreicht (bis zu 33.2° am Maximumthermometer in Zürich). Eine am letztgenannten Tage einsetzende Trübung brachte namentlich am 24. Niederschläge. Nachher war die Witterung, abgesehen von dem im ganzen Lande heiteren 28., variabel bewölkt und vorwiegend trocken, am Genfersee, der mehr unter dem Einflusse des im W und SW bestehenden Hochdruckes lag, dagegen vorwiegend heiter; hier blieben auch die in der Nacht vom 29./30. am Alpennordfuss fallenden Niederschläge aus, die in der Zentralschweiz recht beträchtlich waren und einen fühlbaren Temperatursturz bedingten. (Schnee bis 1500 m herab.)

Der September war reich an Niederschlägen und etwas trüber als durchschnittlich. Die Temperaturmittel zeigen in den Niederungen diesseits der Alpen keine nennenswerten Abweichungen vom Normale; auf den Höhenstationen und am Südfuss der Alpen war der Monat ca. 1 Grad zu warm. Die Niederschläge waren besonders reichlich in der Westschweiz, wo mehr als das Doppelte der normalen Mengen fiel; in der Ostschweiz und im Tessin ist der Ueberschuss nicht gross. Die mittlere Himmelsbedeckung war etwas stärker als durchschnittlich im September, so dass die Registrierung der Sonnenscheindauer überall einen Ausfall von 20—30 Stunden ergab.

Am Abend des trotz in der Höhe starken Westwindes sonnigen 1. setzten unter dem Einflusse einer nördlichen Depression im ganzen Lande Niederschläge ein. Als auf den 3. der Luftdruck, dessen Maximum im Süden lag, auch über dem Kontinente wieder zugenommen hatte, heiterte es auf, und der 4. war im ganzen Lande ein heller Tag; auf den 5. wurde es ziemlich warm. Am Abend dieses Tages fielen dann besonders im Westen des Landes und in der Zentralschweiz Niederschläge teilweise mit Gewittererscheinungen. Damit setzte eine längere Periode vorwiegend regnerischer Witterung ein, bedingt durch Depressionen, die ihren Einfluss ziemlich weit in den Kontinent hinein geltend machten; recht bedeutend waren die Niederschläge vom 10./11. im Mittellande. Auf den 13. stiess von SW her hoher Druck nach Zentraleuropa vor, es heiterte auf, und die nächsten Tage waren im ganzen Lande vollkommen heiter. Vom 17. an machte sich dann wieder eine nordwestliche Depression vorerst durch langsam zunehmende Bewölkung und eine kurze Föhnphase bemerkbar, wobei die schon über der normalen liegende Temperatur noch mehr zunahm; erst in der Nacht vom 19./20. setzten mit der östlichen Verschiebung der Depression und Bildung eines Teilminimums über Oesterreich stärkere Niederschläge und nachfolgender starker Temperaturrückgang ein. Unter dem Einfluss eines neuen nordwestlichen Minimums heiterte es am 21. vorübergehend auf; der 22., an welchem in der Westschweiz schon starke Niederschläge fielen, war in der Ostschweiz unter Föhneinfluss noch vorwiegend trocken, und hier setzte starker Regen erst am 23. ein, in dessen Verlauf sich ein Teilminimum über Süddeutschland nach Oesterreich bewegte; starke bis sehr starke Niederschläge fielen in diesen Tagen in den tessinischen und zentralschweizerischen Alpentälern. In der Folge erhöhte sich der Luftdruck über dem Kontinente, und die Depressionen beschränkten sich mehr auf den Norden; bei starker, vorerst hochnebelartiger Bewölkung blieb die Witterung trocken bis zum letzten Tage des Monats, an welchem eine rasch von den Niederlanden nach dem Baltikum ziehende Depression Regen brachte.

Der Oktober war kühl, trocken und im allgemeinen auch trüber als durchschnittlich. Der Wärmeausfall beträgt 1—1½ Grade, da die Temperatur an den meisten Tagen unter der normalen lag. Die Niederschläge machen meistenorts kaum die Hälfte der normalen Oktobermengen aus, nur am Vierwaldstättersee kommen sie den letzteren etwas näher und im Tessin wurden sie überschritten. Entsprechend einer ziemlich starken Bewölkung wurde die durchschnittliche Sonnenscheindauer nicht erreicht, wenn man vom Genferseegebiet absieht, das sich exzeptioneller Begünstigung erfreute.

Im Gefolge der am 30. September im Norden vorbeigezogenen Depression fielen am 1. Oktober im ostschweizerischen Alpengebiete noch etwelche Niederschläge, doch machte sich rasch nachrückender Hochdruck im Westen des Landes schon an diesem Tage durch Aufheiterungstendenz bemerkbar; bei nördlicher Luftbewegung wurde es empfindlich kühl. Eine kurze Trübung und in der Ostschweiz auch unbedeutender Niederschlag wurde vom 4. auf den 5. verursacht durch

eine flache, von Galizien nordwärts fortschreitende Depression, nach deren Abzug es unter Festsetzung von Hochdruck über den Alpenländern schon am 5. vollständig aufheiterte. Der 6. war dann wegen Hochnebelbildung nur auf den Höhen über 1000 m, der 7. dagegen wieder allgemein heiter, als sich von NW ein Depressionsgebiet dem Kontinente näherte. Bis Deutschland reichende Teildepressionen bedingten dann am 8. im ganzen Lande allgemein Niederschlag. Auf den 9. bildete sich über der Adria eine Depression, während von SW her rasch Hochdruck nach Zentraleuropa vordrang; am Genfersee heiterte es dabei auf, während über der übrigen Schweiz an diesen und den folgenden Tagen hochgelegener Bisenebel lagerte. Vom 12. auf den 13. bedingte eine Depression über der Riviera im äussersten Südwesten des Landes, sowie im Tessin Niederschläge; in der Ostschweiz herrschte sehr trübes, aber im ganzen trockenes Wetter, bis dann am 15. unter dem Einfluss eines von der Adria rasch nordwärts sich fortpflanzenden Minimums im ganzen Lande beträchtliche Niederschläge fielen, die stärksten im Basler und Solothurner Jura. Dieselben sistierten im Laufe des 16., und die Witterung blieb nun trotz zunächst über dem Kontinente selbst persistierenden Tiefdrucks ruhig, trocken und — vom vielfach sonnigen Genferseegebiet abgesehen — bei hochnebelartiger Bewölkung trübe; nur am 21. und 22. heiterte es nach Morgennebeln allgemein auf, beidemals, als westliche Depressionen kurze Föhnphasen bedingten. Die folgenden Tage, an denen der Tiefdruck sich ostwärts verschob, waren wieder recht trüb, brachten aber, abgesehen von Genf und dem Tessin, nur ganz unbedeutende Niederschläge. Mit der auf den 27. über dem Kontinente eintretenden Druckzunahme heiterte es dann auf und blieb bis und mit dem 29. auch in den Niederungen vorwiegend heiter, während an den beiden letzten Tagen über dem Mittelland Hochnebel lagerte.

Während der November in den Temperaturmitteln annähernd normal war, zeigte er mit Bezug auf Niederschlag und Bewölkung in einzelnen Landesteilen grössere Abweichungen von den langjährigen Mittelwerten. Die Niederschläge betrugen in der Ost- und Zentralschweiz kaum oder vielerorts nicht einmal die Hälfte der normalen Mengen, nur am Genfersee und im Jura wurden letztere ungefähr erreicht. Die Bewölkung und damit die Sonnenscheindauer dagegen war in der Ostschweiz ungefähr die normale, während das Genferseegebiet etwas trüber war; recht heiter waren die Höhenstationen.

Namentlich in den Niederungen infolge Nebelbildung sehr trübe, aber im ganzen trocken liess sich das erste Monatsdrittel an, doch lag die Temperatur im Gegensatz zum Oktober vom 3. an über der normalen, da bei westlichen Depressionen höherer Druck im Südosten bestand. Dieser Situation entsprachen auch die häufigen Niederschläge im Tessin und die Föhnphase vom 5. bis 7. auf der Nordseite der Alpen. Vom 10. an lagerte der Kern des Hochdruckes nordwärts der Alpen; es setzten allmählich nordöstliche Winde ein, welche die Temperatur unter die normale erniedrigten, besonders als es dann vom 13. an auch in den Niederungen aufheiterte, und die Bise am 16. auffrischte. Die folgenden Tage, an denen sich eine flache Teildepression über Dänemark ausbildete, waren allgemein, auch in der Höhe, sehr trüb, doch fielen auch jetzt noch keine Niederschläge. Nachher gelangte wieder hoher Druck zur Herrschaft über dem Kontinente, und die vorwiegend hochneblige Witterung mit zeitweisen Aufhellungen behielt ihren trockenen Charakter bis zum 25., an welchem Tage das im Westen liegende Depressionsgebiet tiefer in den Kontinent einzudringen begann und Erwärmung und, zunächst mehr im Westen des Landes, vom 27. an auch in der Ostschweiz ergiebigen Regen brachte, der bis zum 29. anhielt; erst am 30. trat zufolge Druckzunahme über dem Kontinente Aufheiterung ein.

Der Dezember war ein sehr warmer und ausserordentlich niederschlagsreicher Monat. Der Wärmeüberschuss über das normale Dezembermittel beträgt in der Nord- und Nordostschweiz volle 4 Grade; unsere 55jährigen offiziellen Beobachtungsreihen weisen nur noch zwei wärmere Dezember (1868 und 1880) auf. Auf der Alpennordseite ist der Monat der niederschlagsreichste Dezember seit Bestehen unseres Netzes; es wurde ganz allgemein mehr als das Doppelte, im Alpengebiete bis über das Dreifache der durchschnittlichen Dezembermengen gemessen. Die Sonnenscheindauer war ungefähr die normale. — Südwärts der Alpen war der Monat im Gegensatze zur Nordseite trocken und nur wenig wärmer als normal.

Bis gegen Schluss des ersten Drittels herrschte ruhige, trockene und vielfach neblige Witterung; dabei wiesen die ersten Tage, an denen der höchste Druck nordwärts der Alpen lag, Temperaturen wenig unter Null auf. Erheblich wärmer wurde es dann nach dem 8., als Teilminima des westlichen Tiefdruckes über die deutsche Küste ostwärts fortschritten; dabei fiel am 9. und 10. in der Nordschweiz etwas Regen. Stärkere und allgemein verbreitete Niederschläge fielen am 11. beim Vorübergang eines durch Deutschland ziehenden Teiltiefs. Noch viel erheblicher waren die Niederschläge in den zentral- und ostschweizerischen Alpentälern am 13., an welchem ungewöhnlich warmen Tage eine Depression über Polen lag, während von Südwesten hoher Luftdruck nachrückte. Die bei Ausbreitung des Hochdruckes nach Zentraleuropa am 14. eintretende Aufheiterung kam nur den Höhen zugute, da sich Hochnebel einstellte, und vom 16. an sich wieder nördliche Depressionen geltend machten. Diese brachten im Mittellande erst von der Nacht vom 18. auf den 19. stärkere Niederschläge bei böigen Westwinden; an den folgenden Tagen ging der weniger intensive Regen zeitweise in Schnee über, ohne dass es aber zur Bildung einer dauerhaften Schneedecke kam, da die Temperatur über Null blieb. Ganz enorme Niederschläge fielen dann bei stürmischem und sehr warmem Westwetter in den nördlichen Alpentälern am 22. und 23. (Einsiedeln 149, Lungern 170 mm). Ueber die Weihnachtstage trat Druckzunahme über dem Kontinente auf; es heiterte namentlich am 26. auf, und die Temperatur sank bis auf die normale. Neue Depressionen

brachten vom Abend des 28. an wieder starke Südwestwinde, sehr hohe Temperatur und Niederschlag, der in den gleichen Gebieten wie vor Weihnachten wieder sehr grosse Beträge erreichte. Auch die letzten beiden Tage waren, abgesehen von einer föhnigen Aufheiterung am Nachmittag des 30., trüb und regnerisch.

Resümieren wir: Nach der noch ungefähr eine Woche ins Jahr 1918 herüberreichenden strengen Frostperiode liess sich der Winter und Vorfrühling mild, trocken und heiter an, letzteres ganz besonders im März. Von den Frühjahrsmonaten ist hervorzuheben die sehr starke Himmelsbedeckung im April und die sonnige, warme und sehr trockene Witterung im Mai, auf die ein sehr kalter und auch niederschlagsreicher Juni folgte. Die eigentlichen Sommermonate hatten dann wieder trockene, dabei aber nicht besonders warme Witterung; erst im September fiel reichlicher Niederschlag. Der Oktober war kalt und trocken; letzteres gilt in der Zentral- und Ostschweiz auch für den November. Ganz denkwürdig wegen seiner ausserordentlichen Wärme und seines Niederschlagsreichtums bleibt dann der Dezember 1918.

Monatswerte der wichtigsten meteorologischen Elemente 1918.

	Höhe m	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	Jahr
		Temperatur.												
Basel	277	1.1	2.5	5.4	9.1	15.5	14.8	18.7	18.0	14.8	8.0	4.5	5.2	9.8
La Chaux-de-Fonds	987	-0.7	-0.2	1.6	4.7	11.2	10.8	14.7	13.8	11.4	4.7	2.2	2.0	6.3
Zürich	493	0.0	1.0	4.7	8.5	14.4	13.5	17.4	17.0	14.0	7.3	3.5	3.8	8.8
Genf	405	1.0	1.9	4.8	8.6	15.1	15.5	18.8	18.7	15.4	8.2	5.3	4.4	9.8
Davos	1561	-5.7	-5.4	-1.9	3.3	8.7	7.9	11.9	10.9	9.0	2.6	-1.1	-3.6	3.1
Säntis	2500	-6.7	-7.3	-7.1	-3.2	1.1	0.1	4.8	4.2	3.7	-2.2	-4.8	-5.8	-1.9
Lugano	276	1.6	4.3	6.8	9.4	16.1	17.7	21.5	20.4	18.0	10.7	5.7	3.1	11.3
		Abweichungen von den normalen Monatsmitteln.												
Basel	277	1.2	0.3	0.5	-0.5	2.1	-2.3	-0.4	-0.1	0.0	-1.2	-0.3	4.6	0.3
La Chaux-de-Fonds	987	2.1	0.5	0.7	-0.7	2.1	-2.3	-0.7	-0.6	-0.3	-1.4	0.7	4.0	0.3
Zürich	493	1.4	0.2	0.9	-0.3	1.5	-3.0	-1.0	-0.3	-0.2	-1.1	-0.1	4.4	0.3
Genf	405	1.0	0.1	-0.1	-0.8	1.8	-1.6	-0.7	0.4	0.3	-1.3	0.4	3.5	0.3
Davos	1561	1.7	-0.3	0.7	1.0	2.0	-2.3	-0.2	-0.3	0.6	-0.7	0.2	2.5	0.4
Säntis	2500	2.1	1.4	1.3	1.5	1.9	-2.4	-0.2	-0.5	0.8	-0.5	0.3	2.3	0.7
Lugano	276	0.3	0.8	-0.1	-2.0	1.0	-1.4	0.0	-0.1	0.8	-0.8	-0.5	0.8	-0.1
		Niederschlag (‰).												
Basel	277	40	16	33	92	33	66	41	52	135	54	47	69	678
La Chaux-de-Fonds	987	111	44	65	142	59	185	59	72	258	71	91	353	1510
Zürich	493	62	33	49	63	42	170	78	80	176	49	29	180	1011
Genf	405	51	10	17	106	17	155	65	33	180	61	77	154	956
Davos	1561	34	37	38	54	18	113	77	105	130	50	25	248	929
Säntis	2500	112	105	76	95	130	446	295	317	275	81	125	698	2755
Lugano	276	49	11	180	297	142	178	157	164	217	229	99	32	1755
		Abweichungen von den normalen Mengen.												
Basel	277	3	-23	-19	26	-49	-38	-47	-34	57	-28	-15	17	-150
La Chaux-de-Fonds	987	2	-38	-28	24	-60	68	-66	-46	148	-67	-6	247	178
Zürich	493	13	-24	-25	-33	-72	36	-54	-53	66	-54	-42	106	-136
Genf	405	9	-35	-7	41	-64	80	-14	-57	100	-52	-2	98	97
Davos	1561	-12	-18	-17	-1	-40	11	-47	-21	35	-18	-31	185	26
Säntis	2500	-32	-65	-95	-111	-69	162	-18	42	65	-102	3	543	323
Lugano	276	-18	-44	79	138	-37	-7	-2	-19	23	20	-39	-40	54
		Monatssummen der **Sonnenscheindauer** in Stunden.												
Basel*)	277	97	128	177	80	247	239	272	266	135	122	80	48	1891
La Chaux-de-Fonds	987	116	141	189	50	215	221	245	233	118	130	108	48	1814
Zürich	493	75	84	180	85	232	220	255	226	143	82	49	36	1667
Genf	405	48	110	205	115	262	252	301	286	153	128	28	38	1926
Davos	1561	114	140	172	112	198	158	205	195	158	111	129	72	1764
Säntis	2500	147	167	171	153	172	128	186	167	142	131	151	61	1776
Lugano	276	133	205	171	57	236	238	275	282	186	122	116	99	2120
		Abweichungen von den normalen Summen.												
Basel*)	277	39	39	59	-63	67	37	43	48	-22	12	16	-5	270
Zürich	493	27	3	51	-75	33	4	7	-6	-21	-20	0	-1	2
Genf	405	1	23	73	-55	55	30	30	32	-29	8	-36	3	135
Davos	1561	12	31	23	-46	23	-18	-5	-14	-14	-22	27	-19	-22
Säntis	2500	25	49	37	16	20	-19	20	-13	-17	-7	14	-62	63
Lugano	276	6	58	-10	-126	22	-6	-17	9	-15	-25	12	-18	-110

*) Basel hat einen neuen Heliographen, der empfindlicher ist als die übrigen Instrumente.

Nr. 2.

Ergebnisse der Niederschlagsmessungen auf den meteorol. Stationen I.—III. Ordnung im Jahre 1918.

Die Aenderungen im Netze der Meteorologischen und Regenmesstationen finden sich in der Einleitung pag. IV dieses Bandes angegeben.

Monats- und Jahressummen

der Niederschlagsmessungen sämtlicher meteorol. Stationen I.—III. Ordnung

im Jahre 1918.

Bei Zählung der Niederschlagstage sind in dieser Tabelle nur die Tage mit mindestens 1,0 mm berücksichtigt worden.
Die mit * bezeichneten Summen sind nach den Nachbarstationen interpoliert.

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
A. Rheingebiet																	
I. Quellgebiet bis Bodensee.																	
Sedrun	ca 1401	32	18	106	79	20	291	59	104	181	117	52	280	1339	104	17. VI.	113
Platta (Medels)	1378	20	17	110	87	27	343	84	109	251	101	41	155	1345	156	17. VI.	109
Surrhein	ca 892	15	35	87	66	18	256	59	99	184	92	63	272	1246	108	17. VI.	108
Panix	ca 1300	33	24	46	79	17	191	69	132	145	65	54	311	1166	50	3. VIII.	118
Vrin	ca 1454	27	13	97	65	47	154	108	143	193	130*	33	208	1218	56	23. IX.	112
Vals	ca 1248	18	9	86	53	23	182	73	127	213	120	29	134	1067	66	23. IX.	92
Ilanz	ca 704	15	16	38	40	23	144	66	123	144	59	38	225	931	51	22. XII.	99
Flims	ca 1102	57	28	23	68	15	171	89	154	155	65	51	269	1145	46	22. XII.	110
Safienplatz	ca 1270	21	17	59	48	23	138	76	144	169	86	37	206	1024	50	3. VIII.	97
Bernhardin-Pass	2073	135	39	267	505	129	313	188	191	467	213	113	185	2745	113	23. IX.	142
Hinterrhein	ca 1624	28	24	120	46	29	222	101	99	290	67	12	75?	1113?	80	23. IX.	114
Splügen (Dorf)	1467	38	22	68	68	41	180	117	145	320	81	31	122	1233	70	23. IX.	113
Avers-Cresta	ca 1949	23	15	79	63	36	159	94	93	248	104	20	100	1034	44	12. VI.	112
Andeer	ca 980	15	11	84	41	17	115	84	110	245	61	26	113	922	51	24. IX.	97
Thusis	ca 711	15	13	65	43	13	120	56	124	166	46	14	144	819	47	3. VIII.	87
Stalla (Bivio)	ca 1780	31	24	60	58	56	161	82	85	226	155	26	126	1090	49	23. IX.	128
Mühlen	ca 1461	21	11	49	83	51	154	85	106	207	119	26	103	1015	45	23. IX.	107
Savognin	ca 1213	19	15	58	57	15	106	44	77	173	98	16	139	817	44	22. XII.	94
Davos-Platz	1560	34	37	38	54	18	113	77	105	130	50	25	248	929	69	13. XII.	113
Davos (Schatzalp)	1868	34	45	36	53	14	135	82	121	130	49	27	266	992	67	13. XII.	114
Latsch	ca 1580	15	22	44	49	28	109	47	84	177	97	11	150	833	55	24. IX.	95
Filisur	ca 1040	12	17	54	49	18	80	41	83	148	60	15	160	737	38	3. VIII.	93
Lenzerheide	ca 1477	26	18	62	33	23	123	52	111	147	58	18	193	864	39	3. VIII. / 22. XII.	106
Nisellas (Alvaschein)	ca 890	14	13	48	29	11	92	36	99	150	49	11	136	688	42	3. VIII.	86
Tomils	ca 823	23	17	49	39	16	117	48	112	125	39	18	170	773	59	3. VIII.	101
Reichenau	604	23	21	37	44	12	168	63	128	124	41	30	236	927	51	3. VIII.	101
Arosa	1854	41	29	58	68	45	156	79	166	194	95	29	235	1195	63	13. XII.	128
Tschiertschen-Praden	1350	45	27	60	51	31	111	68	134	131	43	32	211	944	50*	13. XII.	107
Langwies	ca 1377	28	40	49	54	41	129	72	118	116	57	23	247	964	56	13. XII.	115
Chur	610	25	20	38	38	17	109	59	125	99	37	22	191	780	59	3. VIII.	98
Klosters	ca 1207	40*	56	37	67	42	172	100	133	124	78	39	308	1196	85	13. XII.	121
St. Antönien	ca 1460	50	61	35	69	34	178	124	159	125	61	50	365	1311	68	13. XII.	121
Schiers	ca 660	41	46	37	77	19	150	86	117	93	36	37	294	1033	52	28. XII.	106
Seewis	954	53	49	45	75	28	188	110	171	114	48	35	384	1300	120	13. XII.	116
Plantahof (Landquart)	ca 530	43	42	41	66	21	150	98	142	89	38	34	222	986	53	3. VIII.	104
Vättis	951	38	41	44	78	22	185	102	144	137	49	35	261	1136	60	22. XII.	112
Valens	ca 920	45	47	39	80*	21	186	100*	181	113	50*	37	217	1116	60	3. VIII.	122
Ragaz	517	33	53	51	81	32	207	120	148	121	70	48	259	1223	46	22. XII.	123
Sargans	507	55	53	47	100	30	204	103	155	114	59	40	292	1252	58	22. XII.	119
Sevelen	464	38	29	23	91	20	187	90	155	119	50	49	210	1061	47	15. IX.	114
Haag	448	34	39	28	101	60	242	136	271	151	65	73	259	1459?	62	6. VIII.	114
Altstätten	449	66	24	24	78	63	191	132	170	135	37	32	271	1223	58	23. XII.	127
Heiden	797	87	39	41	105	93	240	120	179	139	64	43	234	1384	50	22. XII.	143

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Bodensee bis Basel.																	
Rorschach	455	69	15	24	49	47	151	129	110	108	47	26	172	947	32	8. I.	114
St. Gallen	703	61	30	35	100	39	174	127	121	150	46	38	210	1131	35	23. XII.	128
Arbon	ca 409	59	15	28	91	45	139	112	101	123	34	28	163	938	35	30. IV.	121
Amriswil	ca 455	64	18	31	88	38	145	101	96	133	31	27	126	898	34	21. VI.	120
Altnau	ca 458	60	26	38	103	37	113	90	88	179	33	29	150	946	35	6. IX.	113
Kreuzlingen	420	65	29	38	108	31	111	96	87	217	33	32	147	994	44	15. IV.	120
Haidenhaus	694	67	24	41	88	38	105	100	90	197	40	34	110	934	43	10. IX.	116
Steckborn	ca 400	69	29	44	53	31	84	85	77	182	35	32	112	833	39	10. IX.	106
Eschenz	ca 417	59	34	55	55	37	102	97	92	174	41	37	134	917	42	10. IX.	113
Buch (Schaffhausen)	ca 430	60*	22	40	88	30	118	75	69	143	39	28	120	832	34	10. IX.	111
Diessenhofen	ca 410	72	27	56	89	48	128	77	70	183	48	31	128	957	36	10. IX.	110
Lohn	633	77	34	35	82	45	104	64	54	160	39	29	130	853	35	10. IX.	118
Schaffhausen	448	54	19	41	93	64	114	71	74	167	47	29	98	871	34	10. IX.	120
Rheinau	ca 361	51	16	44	57	57	97	59	54	156	34	25	106	756	33	10. IX.	109
Wil (bei Rafz)	ca 410	75	26	53	62	41	142	76	74	189	40	26	163	967	43	10. IX.	123
Kaiserstuhl	ca 342	64	24	57	60	64	130	69	70	181	39	27	163	948	35	10. IX.	125
Schleitheim	ca 490	81	22	43	77	43	86	54	51	159	43	25	142	826	29	11. IX. / 23. XII.	108
Unter-Hallau	450	74	24	42	57	35	97	52	51	152	37	22	130	773	34	15. VI.	104
Wilchingen	ca 472	73	21	37	57	39	126	52	53	170	40	25	144	837	43	15. VI.	108
Laufenburg	ca 325	82	55	56	79	70	144	86	50	169	47	72	261	1171	48	28. XII.	124
Wittnau	ca 415	56	43	49	67	52	164	83	83	153	56	66	173	1045	36	21. VI.	117
Möhlin	ca 332	56	40	49	79	59	123	60	66	156	58	75	149	970	36	27. XI.	133
Wintersingen	444	56	41	44	81	62	140	77	57	164	70	84	154	1030	38	15. X.	125
Rheinfelden	280	53	35	45	70	52	123	67	59	145	61	77	139	926	34	15. X. / 27. XI.	125
Kilchberg	ca 582	42	38	37	78	65	191	73	92	151	64	61	151	1043	47	15. VI.	123
Böckten	ca 385	45	33	30	82	78	157	76	53	154	65	64	136	973	37	11. V.	121
Eptingen	ca 571	59	44	46	81	57	175	60	88	163	70	90	160	1093	55	15. VI.	125
Diegten	ca 500	47	36	39	71	60	148	65	82	151	65	64	133	961	39	11. V.	119
Bennwil	ca 526	52	37	42	72	56	153	65	77	157	59	52	145	967	43	15. VI.	127
Waldenburg	ca 533	61	42	49	84	56	173	70	83	173	59	68	171	1089	42	15. VI.	129
Lampenberg	ca 404	53	33	36	73	52	155	79	46	170	56	56	132	941	35	15. X.	121
Reigoldswil	ca 497	57	57	50	86	76	149	80	59	173	62	65	153	1067	50	11. V.	117
Liestal	325	57	37	38	65	47	97	66	60	138	61	67	126	859	35	15. X.	122
Arisdorf	ca 430	47	39	47	79	59	146	84	67	159	69	75	120	991	37	15. X.	132
Basel-Augst	ca 275	39	27	31	67	42	94	42	60	115	58	67	82	724	36	15. X.	108
Choindez	465	53	38	57	134	55	119	43	56	172	72	60	145	1004	32	23. IX.	126
Mervelier	ca 560	63	38	47	120	40	139	73	58	176	85	59	152	1050	30	10. VI.	120
Bellelay	ca 930	93	41	60	134	58	161	54	54	211	76	65	248	1255	39	21. VI.	134
Delémont	ca 435	42	27	35	108	54	119	63	46	159	59	52	161	925	32	15. X.	121
Seewen	ca 551	43	30	33	75	64	109	72	57	170	59	59	100	871	35	15. X.	126
Grellingen	ca 328	46	28	39	100	52	100	53	51	164	66	52	106	857	40	15. X.	130
Pfeffingen	ca 394	38	26	32	87	40	90	46	61	153	46	51	98	768	46	15. X.	116
Neue Welt	ca 267	43	20	34	94	37	74	48	52	128	40	49	70	689	40	15. X.	107
Therwil	ca 310	44	20	35	90	36	70	47	41	127	58	40	70	678	36	15. X.	106
Binningen	ca 286	44	16	36	87	32	62	44	49	132	37	11	68	618	37	15. X.	104
Basel	277	40	16	33	92	33	66	41	52	135	54	47	69	678	36	15. X.	104
III. Thur.																	
Wildhaus	ca 1115	51	32	61	109	59	287	169	237	130	59	59	339	1592	86	13. XII.	134
Starkenbach	ca 894	99	58	55	125	65	305	175	293	190	76	50*	403	1894	65	23. XII.	147
Nesslau	ca 753	111	47	51	104	67	258	174	271	247	63	51	419	1863	53	6. VIII.	141
Ebnat	649	105	50	51	117	63	218	150	181	209	53	52	419	1668	83	23. XII.	130
Ricken	ca 790	98	50	54	117	49	262	161	150	199	66	62	383	1651	69	23. XII.	125
Lichtensteig	ca 617	86	37	37	92	43	210	125	133	207	48	36	330	1384	76	23. XII.	127
Peterzell	ca 705	88	42	49	111	52	183	125	167	188	61	33	281	1380	74	23. XII.	138
Wil (St. Gallen)	ca 584	64	24	35	68	33	122	88	86	179	36	30	146	911	45	23. IX.	123
Nollen	ca 740	60*	33	26	68	40	138	103	96	160	38	34	131	927	36	23. IX.	122

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Flawil	ca 616	68	22	40	89	78	183	117	123	175	52	31	183	1161	50	17. VI.	126
Degersheim	ca 814	76	26	41	101	61	174	119	142	170	56	37	227	1230	43	17. VI.	—
Herisau	ca 777	64	28	31	121	43	132	96	121	147	48	40	168	1039	39	23. IX.	127
Säntis	2500	112	105	76	95	130	446	295	317	275	81	125	698	2755	118	21. VI.	167
Urnäsch	ca 887	85	43	44	161	77	169	126	176	178	76	47	311	1493	65	23. XII.	138
Appenzell	ca 781	70	31	33	134	74	219	139	193	178	51	40	247	1409	59	23. XII.	135
Schwäbrig	1152	66	33	31	103	61	224	166	203	164	65	30	190	1336	47	15. IV. 9. VIII.	135
Teufen	ca 853	74	36	33	103	52	199	144	166	170	57	29	213	1276	39	23. XII.	137
Bischofszell	ca 502	66	13	62	83	40	156	92	97	156	36	22	179	1002	39	19. XII.	117
Sulgen	ca 483	53	22	34	65	31	122	89	80	159	34	29	132	850	33	23. IX.	108
Weinfelden	ca 446	54	20	34	73	35	125	96	78	169	37	26	118	865	41	23. IX.	105
Raperswilen	ca 590	53	30	40	75	39	116	96	75	183	37	29	126	899	36	23. IX.	104
Müllheim	ca 415	56	27	35	105	40	142	101	74	180	43	31	125	959	44	10. IX.	121
Dussnang	ca 595	82	38	59	74	53	162	96	96	200	43	48	269	1220	45	23. XII.	131
Eschlikon	ca 562	61	27	40	60	36	153	98	104	200	38	35	224	1076	45	23. XII.	126
Wängi	ca 430	65	22	38	67	48	104	96	90	168	41	25	121	885	40	10. IX.	109
Aadorf	ca 538	74	17	48	68	30	132	104	82	183	43	36	181	998	45	10. IX.	117
Affeltrangen	ca 495	54	23	38	74	29	129	93	85	176	41	27	121	890	37	23. IX.	121
Thundorf	ca 560	67	31	45	80	38	138	114	94	200	42	26	133	1008	53	10. IX.	117
Frauenfeld	425	69	27	51	73	45	125	83	93	172	42	26	100	906	42	10. IX.	113
Kalchrain	ca 585	59	33	60	82	58	135	91	93	169	42	30	119	971	33	10. IX.	119
Nieder-Neunforn	ca 446	53	26	43	59	50	121	74	78	191	39	24	104	862	40	10. IX.	109
Andelfingen	370	57	22	44	66	70	130	60	78	169	37	26	110	869	36	10. IX.	112
IV. Töss.																	
Bauma	ca 643	84	55	54	94	59	204	141	100	207	65	55	311	1429	55	22. XII.	125
Sternenberg	ca 880	63	34	46	82	51	182	141	105	206	58	34	228	1230	42	21. VI.	126
Kollbrunn	ca 495	82	35	58	70	49	166	90	85	215	45	53	239	1187	55	10. IX.	116
Fehraltorf	ca 536	63	28	42	81	50	173	90	89	167	42	34	157	1016	44	17. VI.	117
Winterthur	445	79	31	56	66	46	153	95	86	199	43	34	191	1079	50	10. IX.	118
V. Glatt.																	
Hinwil	ca 569	72	34	45	98	50	170	110	111	196	55	42	210	1193	47	10. IX.	122
Grüningen	ca 488	75	30	45	107	46	177	116	105	198	50	39	209	1197	48	17. VI.	129
Pfäffikon	ca 550	71	28	42	96	58	174	101	108	173	53	41	187	1132	45	17. VI.	129
Uster	ca 466	66	29	49	79	70	194	95	85	168	54	31	210	1130	50	17. VI.	120
Dübendorf	ca 440	60	27	50	62	52	184	76	74	156	48	33	178	1000	43	17. VI.	120
Oerlikon	450	55	34	42	53	37	173	77	71	172	47	35	170	966	34	17. VI.	110
Niederhasli	ca 425	52	16	45	62	57	154	68	77	165	37	26	119	878	41	10. IX.	119
Hochfelden	ca 401	70	19	56	73	45	152	73	82	197	43	21	172	1003	41	10. IX.	117
VI. Limmat.																	
Weisstannen	ca 1006	64	47	51	70	42	233	106	154	144	74	45	330	1360	73	22. XII.	131
Walenstadt	ca 430	58	37	44	124	36	255	136	200	129	47	52	318	1436	70	22. XII.	128
Obstalden	ca 690	80	41	41	104	38	251	161	249	174	60	51	325	1575	70	17. VI.	128
Auen (Linthal)	821	74	63	59	79	48	350	119	162	171	86	81	383	1675	94	17. VI.	127
Elm	958	65	43	41	100	42	234	94	161	142	60	53	240	1275	57	22. XII.	126
Glarus	477	72	38	40	90	37	262	124	170	163	51	51	337	1435	76	17. VI.	125
Klönthal	ca 838	76	46	52	119	50	327	169	229	213	67	56	404	1808	90	17. VI.	134
Weesen	ca 430	102	37	37	96	38	270	154	226	190	81	54	334	1619	75	17. VI.	126
Oberkirch (b. Uznach)	ca 468	96	37	47	131	54	240	127	186	206	72	51	308	1555	55	23. IX.	130
Vorder-Wäggithal	ca 740	117	52	66	133	82	326	198	221	257	98	64	377	1991	73	17. VI.	144
Lachen	ca 410	76	25	37	124	65	228	99	149	199	65	46	215	1328	55	23. XII.	128
Wald (Sanatorium)	910	90	50*	66	107	107	250*	150*	163	219	81	57	309	1649	48	23. XII.	141
Bachtel	ca 1119	100	46	43	95	59	222	151	139	219	75	57	279	1491	49	23. IX.	134
Rapperswil	ca 412	87	43	37	93	49	183	102	106	191	57	44	213	1205	54	17. VI.	128
Wadenswil (Dorf)	ca 420	85	46	49	91	57	199	130*	120*	238	72	43	307	1437	67	23. XII.	126
Horgen	ca 402	66	36	50	72	62	178	115	85	183	51	52	282	1232	55	23. XII.	119

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Thalwil	ca 425	63	24	49	51	60	185	78	81	138	54	42	251	1076	58	23. XII.	107
Männedorf	ca 415	62	37	40	81	39	162	108	87	183	51	35	215	1100	53	22. XII.	126
Küsnacht (Zürich)	ca 427	62	36	55	55	39	196	84	79	160	44	31	242	1083	45	22. XII.	132
Zollikon (Anst. f. Epil.)	ca 460	60	32	51	54	38	178	89	84	185	56	27	232	1086	45	10. IX.	124
Zürich (Meteor. Z.-A.)	493	62	33	49	63	42	170	78	80	176	49	29	180	1011	45	10. IX.	115
Oberiberg	1090	102	54	67	106	113	322	149	191	248	96	63	437	1948	75	22. XII.	150
Euthal	ca 895	97	45	45	95	107	247	142	171	258	72	38	329	1646	64	23. XII.	137
Einsiedeln	914	100	53	52	108	66	246	126	174	244	76	49	329	1623	57	23. XII.	138
Schönenberg (Waldhalde)	ca 700	104	44	50	111	68	231	145	122	270	78	55	299	1577	68	10. IX.	135
Sihlwald	493	63	41	51	76	75	213	115	94	179	71	64	238	1280	53	21. VI.	122
Dietikon	ca 392	55	38	43	64	58	203	66	76	177	57	52	210	1099	48	10. IX.	120
Boppelsen	ca 525	64	25	45	69	53	153	72	89	179	41	40	219	1049	41	10. IX. 22. XII.	117
Baden	385	57	25	47	78	40	160	78	86	176	47	36	193	1023	44	22. XII.	116
VII. Reuss.																	
Andermatt (Dorf)	1446	68	41	105	99	58	490*	76	142	189	144	53	315	1780	150*	17. VI.	125
Altkirch (Kaserne)	ca 1450	66	51	105	102	67	490	91	160	190*	150*	65	337	1874	151	17. VI.	120
Göschenenalp	1715	60	46	178	96	56	323	67	107	197	140*	56	284	1610	101	17. VI.	121
Göschenen	1107	97	52	113	101	56	309	46	114	185	131	46	294	1544	96	17. VI.	125
Färnigen b. Wasen	1460	124	60	207	67	43	311	77	145	175	73	75	506	1863	93	2. III.	127
Gurtnellen	742	66	47	83	52	47	301	63	126	156	77	46	315	1379	92	17. VI.	113
Lungenstutz b. Amsteg	ca 1097	71	48	122	106	54	431	96	199	195	134	60	365	1881	110	17. VI.	127
Unterschächen	ca 1015	79	62	86	82	69	348	141	152	208	90	66	348	1731	110	17. VI.	143
Altdorf	456	64	35	83	64	55	217	57	146	147	45	50	280	1243	67	17. VI.	125
Isenthal	ca 778	66	37	88	76	61	282	98	217	210	76	58	278	1547	84	17. VI.	134
Bisisthal	ca 950	97	49	53	88	70*	361	153	215	207	75	60*	373	1801	96	17. VI.	131
Rickenbach b. Schwyz	ca 590	98	50	56	110	93	290	120	182	237	101	57	293	1687	81	17. VI.	144
Sattel	ca 832	68	44	42	100	100	262	149	177	201	83	61	289	1576	76	17. VI.	136
Gersau	442	62	49	45	126	66	271	124	192	221	86	79	241	1562	78	17. VI.	134
Weggis	450	56	39	31	138	49	256	99	149	190	85	42	148	1282	57	17. VI.	125
Rigi-Kulm	1787	110	80	58	162	74	294	160	204	228	111	92	344	1917	68	21. VI.	136
Küsnacht (Schwyz)	ca 440	61	34	31	116	48	217	106	118	209	89	34	173	1236	55	17. VI.	131
Engelberg	1018	78	53	113	102	72	320	103	195	210	101	62	286	1695	89	17. VI.	150
Stans	ca 456	59	35	48	82	47	205	92	131	200*	57	37	192	1185	57	17. VI.	123
Lungern	ca 726	69	48	86	80	48	278	90	156	174	80	65	441	1615	99	22. XII.	128
Sarnen	487	41	26	58	79	49	175	70	119	167	63	40	138	1025	49	17. VI.	113
Pilatus-Kulm	2068	107	73	83	89	67	169	88	145	152	90	46	153	1262	41	2. VIII.	132
Luzern	453	57	37	32	116	60	195	97	117	200	76	30	160	1177	51	10. IX.	127
Flühli	ca 893	94	44	80	104	70	278	107	183	259	80	78	323	1700	63	23. XII.	135
Entlebuch	ca 722	65	40	64	89	41	192	68	100	231	73	39	202	1204	65	10. IX.	134
Buchsteg (Eigental)	ca 1050	87	50	51	130	71	237	115	163	246	86	65	254	1555	54	23. XII.	142
Hauptsee	ca 729	89	50	51	96	69	259	140	165	252	75	67	335	1648	73	17. VI.	131
Unter-Aegeri	ca 735	81	46	46	115	99	222	116	174	250	76	48	256	1529	70	10. IX.	133
Walchwil	426	85	38	36	128	61	211	135	120	228	94	46	178	1360	62	17. VI.	123
Zug	ca 429	54	32	38	97	48	230	114	101	196	82	51	190	1233	52	17. VI.	129
Hausen a. Albis	ca 603	61	36	46	69	77	205	125	107	184	79	47	198	1234	50	17. VI.	123
Mettmenstetten	ca 483	43	32	40	67	50	174	76	75	171	63	37	150	978	44	17. VI.	118
Bremgarten	ca 371	64	37	38	64	44	142	73	87	164	37	28	190	968	43	22. XII.	113
VIII. Aare.																	
Guttannen	1055	101	72	149	138	58	321	71	175	229	114	94	393	1915	77	17. VI.	140
Gadmen	1207	64	74	105	84	58	344	96	155	197	88	79	406	1750	76	21. VI.	124
Meiringen	605	58	31	83	81	43	233	70	160	170	70	60	304	1363	54	17. VI.	122
Brienz	ca 575	55	34	103	98	53	246	62	163	160	98	74	303	1449	66	21. VI.	128
Eigergletscher	2323	75	76	210	244	76	319	126	186	247	184	93	328	2164	108	2. III.	142
Mürren	ca 1650	92	32	107	127	77	238	67	178	130	112	94	281	1535	74	2. III.	113
Grindelwald	1050	43	32	107	98	55	234	48	181	144	85	76	277	1380	63	2. III.	127
Lauterbrunnen	ca 810	62	24	102	104	62	246	58	217	122	88	83	298	1466	76	2. III.	126
Interlaken	592	54	32	46	98	40	209	65	164	162	83	83	354	1390	101	22. XII.	123

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Beatenberg	1148	57	42	73	117	52	239	108	213	179	83	104	324	1591	67	21. VI.	125
Kandersteg	ca 1170	49	25	82	109	45	190	52	137	147	73	78	283	1270	56	2. III.	126
Adelboden	ca 1365	89	26	75	82	42	207	66	134	193	76	76	301	1367	75	22. XII.	128
Frutigen	ca 820	54	22	71	87	34	195	87	150	174	75	96	275	1320	58	28. XI.	122
Kienthal	ca 970	54	25	64	98	68	191	82	138	166	84	76	264	1310	60	22. XII.	129
Lenk	ca 1071	87	19	66	76	59	186	80	125	182	74	86	332	1372	72	22. XII.	125
Zweisimmen	ca 960	89	26	60	74	108	187	82	83	191	57	76	324	1357	73	22. XII.	123
Boltigen	ca 830	84	32	57	84	40	221	84	109	217	63	78	345	1414	84	22. XII.	125
Wimmis	ca 640	52	32	71	77	49	183	66	129	189	78	36	211	1173	41	2. VIII.	133
Heiligenschwendi	ca 1125	59	36	54	102	82	165	77	130	177	70*	40*	129	1121	36	2. VIII.	125
Thun	565	50*	28	50*	81	70	149	52	85	164	61	39	89	918	34	10. VI.	124
Schwarzenegg	ca 910	34	41	55	105	62	178	76	114	195	81	44	172	1157	38	10. IX.	128
Grosshöchstetten	ca 750	50	49	68	102	74	186	65	88	215	75	47	135	1154	58	10. IX.	124
Belp	ca 525	52	35	56	72	46	162	49	71	271	62	32	145	1053	73	10. IX.	120
Bern	572	46	26	55	83	44	162	29	66	238	55	29	139	972	49	10. XI.	119
Lauenen	ca 1260	81	25*	61	71	75	236	82	104	185	68	80	343	1411	69	22. XII.	122
Gsteig bei Saanen	ca 1180	91	23	58	80	37	190	82	96	254	67	80	343	1401	78	22. XII.	123
Saanen	ca 1030	82	24	61	62	57	184	68	90	220	59	110	344	1361	58	22. XII.	119
Château-d'Oex	ca 961	90	23	66	68	82	150	94	88	226	65	91	291	1334	43	22. XII.	125
Jaun	ca 1030	91	35	66	94	91	224	99	114	316	79	106	319	1634	59	21. VI.	126
La Valsainte	ca 1032	74	58	57	124	93	229	94	108	342	101	101	273	1654	69	10. IX.	124
Marsens	727	60	33	50	74	53	162	70	69	311	68	45	171	1166	76	10. IX.	118
La Roche	ca 770	53	34	47	114	61	186	71	84	285	82	48	159	1224	66	10. IX.	124
Romont	ca 764	39	32	51	93	26	177	62	73	262	55	46	180	1096	58	10. IX.	118
Freiburg	ca 650	38	34	45	97	39	199	60	63	261	75	40	142	1093	61	10. IX.	114
Plaffeyen	ca 850	59	35*	59	101	124	163	57	96	307	82	50	163	1296	79	10. IX.	121
Schwarzenburg	ca 800	44	39	52	111	63	161	47	66	257	68	40	126	1074	63	10. IX.	125
Aarberg	ca 465	63	26	57	101	28	171	41	48	198	58	53	160	1004	42	23. XII.	114
Palézieux	ca 633	114	26	68	100	42	191	69	71	289	69	47	262	1348	—	—	—
Moudon	ca 515	79	24	50	74	24	156	49	50	281	48	44	180	1059	56	10. IX.	102
Payerne	ca 445	36	21	40	110	32	157	31	46	228	59	47	116	923	45	10. IX.	104
Murten	ca 460	52	26	47	92	38	146	50	48	217	54	55	154	979	37	22. XII.	114
La Cure	ca 1165	147	41	77	154	40	201	63	91	312	88	113	330	1657	74	10. IX.	133
Le Sentier	ca 1024	128	27	64	126	29	181	77	87	268	67	95	354	1503	69	22. XII.	134
Vallorbe	770	133	31	78	130	53	169	66	69	255	68	100	317	1469	64	23. XII.	127
Valleyres-sous-Rance	505	55	10	46	64	18	123	40*	53	179	32	84	233	937	52	22. XII.	99
Montchérand	565	61	13	40	64	22	120	38	51	192	28	72	195	896	46	23. IX.	113
Baulmes	ca 634	99	22	80	116	30	171	57	65	208	45	106	345	1344	73	23. XII.	123
L'Auberson	ca 1128	108	35	74	136	48	179	69	71	236	62	102	348	1468	66	23. XII.	138
Romainmôtier	ca 676	76	14	46	66	18	133	47	52	198	33	60	223	966	52	23. XII.	109
Corcelles	ca 560	46	19	42	73	17	133	39	49	221	46	64	136	885	50	23. IX.	107
Yverdon	ca 440	41	19	55	88	29	125	41	58	203	30	64	159	912	58	23. IX.	111
St-Sulpice	ca 760	136	48	86	112	78	321	60	85	266	52	103	364	1711	52	21. VI.	135
Couvet	ca 750	83	21	80*	111	51	176	48	83	238	42	87	273	1293	62	22. XII.	127
Brot-Dessous	ca 868	69	22	61	137	42	162	46	64	238	39	65	263	1208	56	23. XII.	124
Boudry	ca 491	89	25	52	88	23	132	30	58	192	23	71	205	988	49	23. XI.	116
Chambrelien	ca 743	98	24	47	128	24	154	38	64	213	49	83	229	1151	47	14. IV. 23. XII.	119
La Brévine	1077	93	23	66	148	77	165	52	81	234	66	105	293	1403	54	23. XII.	137
Les Ponts	1020	73	26	54	127	52	171	42	56	227	53	74	230	1185	51	23. IX.	126
Dombresson	740	68	24	43	92	51	99	22	65	188	41	87	245	1025	50	23. IX. 23. XII.	124
Fontainemelon	ca 870	119	36	68	138	59	204	42	83	239	67	104	369	1528?	69	23. XII.	138
Valangin	ca 655	78	21	40	90	43	134	35	75	191	36	71	223	1043	44	23. XII.	118
Serrières	ca 470	64	18	48	95	37	119	25	50	174	27	55	165	877	43	23. IX.	108
Neuenburg	488	67	22	43	92	50	132	35	43	174	42	66	186	952	44	22. XII.	114
Chaumont	1127	49	29	53	118	77	169	43	66	216	32	97	227	1176	45	23. IX.	128
Champ-Fahy (s. Nouveville)	ca 800	78	26	49	109	51	174	43	61	204	39	63	242	1139	46	23. XII.	119
Biel	ca 440	101	19	74	110	46	149	51	46	—	—	—	—	—	—	—	—
Evilard	ca 700	122	32	69	101	43	150	51	45	222	50	60	266	1211	57	22. XII.	119
Mont-Soleil	ca 1250	88	40	48	115	57	196	61	63	242	77	87	317	1391	60	23. XII.	140
Courtelary	699	55	27	38	84	60	150	47	52	216	53	76	265	1123	54	23. XII.	115
Weissenstein	ca 1283	118	35	83	100	52	191	69	74	176	50	71	256	1275	59	23. XII.	133

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Solothurn	470	96	34	57	85	43	193	51	69	213	60	69	275	1245	53	22. XII.	120
Herbetswil	ca 526	99	35	52	89	50	167	67	80	197	59	76	254	1225	40	18. XII.	123
Balsthal	503	122	35	44	86	53	161	68	63	182	62	54	195	1125	61	7. I.	118
Langenbruck	706	62	57	45	111	64	185	76	87	171	67	75	204	1204	41	15. VI. 15. X.	127
Schangnau	ca 930	75	53	71	130	83	163	102	145	273	87	58	282	1522	70	22. XII.	124
Eggiwil	ca 820	48	45	58	100	92	177	77	114	217	74	43	203	1248	49	10. IX.	130
Marbach	ca 875	72	45	77	122	77	211	96	141	239	77	71	273	1501	51	10. IX.	128
Escholzmatt	ca 853	68	53	68	94	73	214	85	138	249	88	54	247	1431	62	10. IX.	134
Langnau i. E.	ca 685	52	44	58	101	58	171	58	94	234	70	38	194	1172	64	10. IX.	126
Wasen i. E.	ca 755	55	41	47	103	85	209	90	88	232	76	44	188	1258	58	10. IX.	129
Affoltern i. E.	795	58	41	49	103	76	190	100	77	213	71	47	177	1202	50	10. IX.	125
Burgdorf	ca 535	52	31	42	86	59	185	53	62	204	58	41	149	1022	47	15. VI.	128
Herzogenbuchsee	ca 475	58	42	43	76	59	183	41	64	203	66	59	185	1079	35	10. IX.	124
St. Urban	ca 452	72	44	51	95	68	152	58	68	196	62	53	230	1149	36	22. XII. 23. XII.	120
Luthern	ca 778	81	47	59	91	64	203	78	80	258	69	47	231	1308	66	23. XII.	141
Willisau	ca 560	—	—	56	92	61	144	66	76	225	65	—	—	--	54	10. IX.	
Zofingen	ca 436	70	44	47	63	51	164	64	63	182	55	52	229	1084	43	10. IX 23. XII.	120
Allerheiligen	ca 900	66	70	50	95	59	178	85	103	182	61	52	200*	1201	40	15. VI.	126
Olten	ca 400	61	46	43	76	55	198	77	74	174	60	71	240	1175	44	15. VI.	125
Triengen	ca 523	53	43	41	55	64	150	73	64	182	56	51	228	1060	44	10. IX.	123
Kölliken	ca 431	59	49	49	60	74	179	61	65	176	53	61	247	1133	43	10. IX.	120
Münster	ca 656	63	50	46	48	47	157	61	84	183	63	64	236	1102	50	23. XII.	123
Unter-Kulm	ca 470	53	41	52	58	54	166	52	64	187	52	47	214	1040	49	10. IX.	125
Aarau	406	60	38	43	65	58	203	70	67	166	62	65	214	1111	44	21. VI.	120
Hitzkirch	ca 520	59	44	44	59	41	177	57	91	192	56	37	204	1061	54	23. XII.	120
Muri	483	52	62	42	71	59	180	74	73	179	63	46	238	1139	46	10. IX.	123
Bötzberg	ca 500	62	39	41	64	50	151	68	86	166	63	52	256	1098	43	28. XII.	117
Schöfflisdorf	ca 476	65	29	67	62	57	143	72	86	183	40	41	179	1024	39	10. IX.	116
Böttstein	360	87	46	56	98	42	151	71	84	198	43	41	257	1174	50	22. XII.	121

B. Rhonegebiet.

I. Rhone und Genfersee.

Furka (Galenhütten)	ca 2406	191	131	129	185	61	327	66	99	202	121	168	610	2290	101	13. XII.	119
Gletsch	ca 1760	122	50	186	172	41	308	41	84	186	116	105	458	1869	80	2. III. 21. XII.	134
Oberwald	ca 1370	89	38	146	171	46	289	63	121	197	151	97	434	1842	69	17. VI.	116
Reckingen	1349	65	16	108	139	40	219	19	59	144	135	71	282	1297	75	17. VI.	107
Fiesch	ca 1080	43	6	112	128	36	154	19	68	141	158	69	301	1235	72	22. XII.	104
Binn	ca 1390	39	14	128	185	56	195	14	59	158	147	58	229	1282	90	2. III.	98
Saas-Fée	1800	22	1	95	213	48	147	14	40	137	190	80	177	1164	82	9. VI.	90
Zermatt	1613	19	2	60	233	47	181	27	54	101	185	67	187	1163	90	9. VI.	95
Visp	720	36	2	116	181	16	81	10	33	68	112	68	212	935	92	2. III.	84
Grächen	1629	21	2	94	180*	15	93	12	35	76	92	70*	200*	890	80	2. III.	97
Kippel	ca 1376	81	23	115	82	21	151	34	75	136	48	96	357	1219	85	22. XII.	108
Leukerbad	1415	100	29	43	43	13	198	53	68	138	36	67	360	1148	89	22. XII.	99
Varen bei Leuk	ca 750	40	2	48	62	13	99	30	62	100*	44	54	191	745	40	22. XII.	89
Siders	551	43	3	63	55	10	99	20	52	95	31	47	243	761	58	22. XII.	86
Zinal	ca 1678	40	1	52	67	26	107	30*	47	118	44	24	170	726	35	18. XII.	93
Nax	ca 1300	60	8	55	46	10	108	27	49	99	37	45	219	763	75	22. XII.	91
Hérémence	ca 1240	58	8	59	45	12	116	38	59	117	47	36	230	825	65	22. XII.	99
Sion	540	54	2	44	24	10	92	24	57	108	27	40	227	709	59	22. XII.	85
Bagnes (Châble)	ca 836	56	13	60*	69	11	114	37	47	106	52	64	224	853	34	22. XII.	99
St. Bernhard	2475	174	72	164	270	95	250	80	99	207	231	193	460	2295	75	22. XII.	129
Bourg St-Pierre	ca 1633	51	4	64	114	21	125	38	64	147	97	49	149	923	38	2. III.	100
Orsières	ca 890	54	5*	67	54	17	115	35	49	134	56	28	243	857	34	2. III.	97

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Martigny-Ville	ca 480	76	5	55	43	15	93	47	53	188	31	38	272	916	60	23. XII.	91
Marécottes	1090	106	12	90	74	20	123	66	71	244	45	66	398	1315	93	22. XII.	94
Dailly	ca 1253	81	21	73	123	23	159	67	74	245	86	54	200	1206	44	10. VI.	114
Savatan	679	88	20	74	92	27	131	67	63	233	71	55	195	1116	41	23. XII.	111
Gryon	ca 1130	124	36	85	94	41	158	80	83	235	70*	73	280	1359	42	11. XII.	115
Diablerets-village	ca 1168	128	30	72	102	66	211	105	89	258	81	95	368	1605	65	23. XII.	120
Vouvry (Porte du Scex)	ca 383	108	16	57	64	28	140	96	60	211	50	41	222	1103	52	23. XII.	99
Clarens	376	61	23	49	91	44	150	86	49	228	63	56	188	1088	39	15. VI.	112
Lausanne	553	76	16	59	86	20	192	65	47	246	55	100	154	1116	48	23. IX.	108
Cossonay	ca 575	78	36	58	87	11	116	36	38	221	44	52	150	927	58	23. IX.	103
Morges	380	80	17	56	80	15	150	41	40	217	37	50	182	965	31	23. XII.	99
Longirod	ca 900	92	15	63	97	13	178	45	62	196	44	84	274	1163	50	23. XII.	110
St. Cergue	ca 1050	182?	20	107	126	34	204	56	91	251	61	137	301	1570	52	10. IX. 18. XII.	131
Gingins	ca 546	108	13	67	113	22	159	48	55	192	41	89	288	1195	58	23. XII.	108
Nyon	ca 405	77	10	52	107	18	124	39	51	169	39	72	189	947	39	23. IX.	100
Céligny	ca 435	91	16	63	112	19	155	56	53	188	56	98	227	1134	52	23. IX.	106
Collex	ca 440	80	11	61	110*	19*	147	57	40	185	53	86	197	1046	43	18. XII.	102
Chambésy	ca 400	69	12	58	112	19	143	75	44	166	46	73	169	986	45	23. IX.	111
Genf	405	51	10	47	106	17	155	65	33	180	61	77	184	956	57	15. VI.	99
Châtelaine	430	69	11	59	99	17	147	69	38	151	49	74	140	923	50	15. VI.	101
Hermance	ca 380	62	9	53	113	18	136	68	45	201	52	63	170	990	57	23. IX.	95
Jussy	ca 475	46	10	54	122	18	190	58	37	195	65	71	149	1015	70	15. VI.	94
Veyrier	ca 425	46	13	43	110	13	133	54	35	196	52	65	123	883	56	15. VI.	85
Compésières	ca 476	47	14	48	95	22	135	50	34	175	56	68	114	858	47	15. VI.	92
Satigny	ca 460	74	12	70	106	15	130	50	67	154	50	86	239	1053	52	18. XII.	104
Athenaz	ca 430	73	12	66	98	19	141	47	40	147	52	72	226	993	42	18. XII.	97
II. Doubs.																	
Les Brenets	878	108	43	58	167	60	179	72	76	247	67	90	333	1500	67	23. XII.	130
La Chaux-de-Fonds	986	111	44	65	142	59	185	59	72	258	71	91	353	1510	73	23. XII.	136
La Ferrière	1020	86	35	46	113	37	157	50	68	224	72	73	276	1237	62	23. XII.	139
Saignelégier	ca 985	52	40	49	141	61	147	65	54	195	69	43	171	1087	43	23. IX.	134
Mormont	ca 550	72	35	46	125	34	149	47	67	180	68	75	204	1102	43	23. IX.	139
C. Pogebiet.																	
I. Tessin.																	
Gotthard	2103	111	44	233	259	130	463	96	154	313	268	128	300	2499	166	17. VI.	169
Airolo	1143	59	9	136	219	98	405	88	100	333	145	93	259	1944	190	17. VI.	124
Faido	759	59	21	143	185	66	333	111	98	304	77	62	131	1590	165	17. VI.	119
Olivone	ca 893	44	21	153	167	72	196	153	122	333	122	81	112	1576	79	23. IX.	108
Comprovasco	544	28	10	145	152	58	166	216	140	291	112	68	78	1464	85	23. IX.	117
Biasca	ca 300	43	18	154	156	78	221	187	162	323	157	95	73	1667	121	23. IX.	118
Braggio	ca 1332	27	11	116	185	94	160	142	123	252	135	66	46	1357	79	10. VII.	119
Misox	ca 785	35	13	187	193	75	162	121	95	285	115	57	68	1406	71	2. III.	125
Grono	335	19	7	157	190	87	123	135	108	231	128	48	32	1265	77	2. III.	110
Bellinzona	237	6	6	140	183	76	129	174	125	243	161	67	37	1347	79	10. VII.	110
Mezzana	ca 335	49	9	153	344	104	198	65?	101	198	294	88	29	1632	68	2. III.	116
Monte Generoso	1610	120	16	215	311	156	162	145	118	270	387	170	63	2133	78	2. III.	144
Lugano	276	49	11	180	297	142	178	157	164	217	229	99	32	1755	98	3. VIII.	115
Monte Brè	910	50	8	139	309	165	175	159	111	247	200	82	28	1673	77	10. VII.	119
Crana-Torricella	1010	71	23	191	352	179	224	165	221	317	266	143	46	2198	101	3. VIII.	120
Ponte Tresa	ca 280	51	7	117	320	129	177	150	181	232	279	106	33	1782	97	3. VIII.	132
Simplon (Dorf)	ca 1480	27	1	118	498	122	169	18	100*	130	282	96	170	1731	150	9. IV.	85
Brissago	ca 210	45	16	138	244	160	255	272	200*	268	286	108	27	2019	122	10. VII.	117
Camedo	ca 610	61	8	168	392	155	540	341	204	561	310	121	36	2897	229	17. VI.	116
Mosogno	ca 790	43	9	190	298	136	433	306	175	486	253	89	34	2452	213	17. VI.	106
Fusio	1285	54	17	118	291	95	387	102	128	392	173	112	117	1986	194	17. VI.	109
Cevio	ca 430	49	13	236	360	102	399	134	128	468	227	94	79	2289	208	17. VI.	103
Locarno	239	46	14	153	278	144	189	294	209	337	230	101	32	2027	128	13. VIII.	116
Sonogno	ca 910	64	17	151	364	114	380	243	273	373	215	122	59	2332	164	2. VIII.	110

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Adda.																	
Lago Scala	2230	58	6	96	178	33	129	73	64	322	90	18	42	1109	85	23. IX.	104
Cavaglia	ca 1701	47	14	48	108	42	140	71	60	244	95	29	50	948	49	24. IX.	99
Le Prese (Poschiavo)	ca 960	24	6	86	93	38	105	57	58	285	100	18	30	900	90	23. IX.	93
Brusio	ca 755	29	8	64	97	48	111	58	61	213	105	14	33	841	74	23. IX.	93
Vicosoprano	1087	38	11	126	184	81	184	113	73	298	130	42	73	1353	75	23. IX.	117
Soglio	ca 1090	36	14	132	197	79	189	131	65	285	117	35	54	1334	66	28. IX.	113
D. Donaugebiet.																	
Inn.																	
Sils-Maria	ca 1814	24	13	106	54	23	116	62	55	233	103	29	69	887	61	23. IX.	112
St. Moritz	ca 1840	16	12	75	62	38	82	45	79	213	137	19	164	942	56	23. IX.	113
Pontresina	ca 1805	16	10	69	36	12	87	36	55	173	88	8	112	702	49	23. IX.	85
Bevers	1713	26	14	74	31	22	87	33	62	181	92	14	147	783	52	23. IX.	98
Buffalora	ca 1977	10	16	77	38	24	103	19	33	202	114	14	120	770	66	23. IX.	93
Süs	ca 1440	25	13	74	53	30	116	47	70	144	89	13	187	861	47	23. IX.	101
Scarl	ca 1810	12	11	59	33	17	85	27	53	154	72	22	147	692	49	23. IX.	98
Remüs	1237	20	8	28	33	16	77	41	48	141	73	23	170	678	49	23. IX.	91
Martinsbruck	ca 1040	14	16	18	33	8	89	48	50	121	76	16	158	647	39	23. IX.	85
E. Etschgebiet.																	
Sta. Maria	1410	12	6	79	76	24	100	38	41	190	83	10	103	762	72	23. IX.	98

Monats- und Jahresmengen im Jahre 1918, ausgedrückt in Prozenten der Normalmengen.

Stationen	Höhe über Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr
Platta	1378	43	38	157	102	23	281	68	71	186	59	47	238	110
Bernhardin	2073	144	54	172	245	55	170	95	87	182	66	56	162	122
Splügen	1467	69	56	89	61	26	118	67	84	186	46	27	185	84
Reichenau	604	43	34	53	57	14	156	49	98	111	39	41	347	87
Chur	610	64	49	83	73	26	138	57	120	112	48	41	367	96
Davos	1560	74	67	69	98	21	105	62	83	137	74	45	394	103
Altstätten	449	116	37	31	77	53	116	79	110	109	35	41	347	95
St. Gallen	703	107	46	39	93	29	97	76	78	110	41	51	292	84
Kreuzlingen	420	158	64	75	152	36	115	100	84	245	45	64	283	116
Lohn	633	192	87	71	132	54	107	72	55	205	48	51	245	103
Basel	277	108	41	63	140	40	63	47	60	174	66	76	132	82
Glarus	477	108	46	48	87	35	164	61	98	128	42	59	370	102
Einsiedeln	914	137	60	46	87	44	127	63	90	176	58	52	335	102
Zürich	493	126	58	66	66	37	127	59	60	160	48	41	243	88
Rigi-Kulm	1787	220	136	82	138	45	122	60	84	120	90	130	478	115
Engelberg	1018	115	71	116	84	47	148	42	81	128	66	67	321	99
Luzern	453	133	80	47	127	51	131	62	76	176	80	48	280	102
Guttannen	1055	106	69	122	103	43	220	44	103	184	77	81	361	122
Beatenberg	1148	76	52	67	98	40	135	63	125	153	69	116	345	110
Bern	572	104	53	92	118	52	156	28	63	287	58	43	236	105
Chaumont	1127	94	58	85	164	88	154	42	62	240	29	130	344	120
Neuenburg	488	132	42	69	131	61	130	38	44	207	41	89	274	101
Affoltern	795	95	64	59	105	64	132	80	58	209	66	63	236	101
Olten	400	120	79	66	107	61	170	70	63	198	63	96	343	117
Muri	483	104	113	63	84	58	140	61	62	190	67	70	350	109
Reckingen	1349	82	21	140	156	41	265	23	70	170	95	64	313	119
St. Bernhard	2475	238	99	208	257	71	227	78	86	174	155	174	523	182
Sion	540	126	4	92	63	23	204	39	76	204	41	68	385	111
Clarens	376	113	38	64	115	42	128	70	39	230	50	74	285	98
Lausanne	553	146	31	87	120	22	202	69	45	250	47	125	227	112
Genf	405	122	22	87	163	21	207	82	37	225	54	97	328	111
Lugano	276	74	20	178	186	79	96	99	90	112	110	72	44	103
Sils-Maria	1811	53	41	193	75	26	128	55	47	204	98	39	125	92
Bevers	1713	74	54	180	55	33	101	30	57	171	104	23	320	94

Die Niederschlagsbilanz des Jahres 1918. — Ergebnisse der im Alpengebiete aufgestellten Totalisatoren. — Der Firnzuwachs in einigen Gebieten der Schweizeralpen. — Einzelne bemerkenswerte Niederschläge.

Die Niederschlagsbilanz des Jahres 1918.

In seinen Mittelwerten zeigt das Jahr keine allzu grossen Abweichungen vom Normale sowohl in Bezug auf Häufigkeit als auch auf Mengen der Niederschläge. Die erstere blieb allgemein, namentlich aber in der Nordostschweiz etwas unter der durchschnittlichen (Zürich 143 Tage mit Niederschlag gegen 158 normal). Die Niederschlagssummen übersteigen die langjährigen Mittelwerte nennenswert in den Berneralpen (Guttannen 122, Lauterbrunnen 140, Kippel 119, Reckingen 119 %), während der Nordwestfuss des Jura (Basel 82), die Nordostschweiz (St. Gallen 84, Zürich 88 %) und einzelne Bündnertäler (Splügen 84 %) zu wenig Niederschlag hatten.

Im einzelnen sind jedoch verschiedene ausserordentliche Anomalien im Niederschlagsregime des Jahres zu melden, so die lange Trockenperiode im Mai/Juni, die im Mittelland — vereinzelte ganz kleine, für die Vegetation nicht in Betracht kommende Niederschläge abgerechnet — vom 15. Mai bis zum 10. Juni, also volle 26 Tage dauerte. Dabei trockneten anhaltende östliche Winde den Boden aus, der schon in den vorangegangenen Monaten bedeutend weniger Niederschlag empfangen hatte als sonst im Frühjahr. So lassen sich die Befürchtungen verstehen, welche die Landwirte für die Entwicklung mancher Kulturen hegten. — Auch die Sommermonate Juli und August, sowie der Oktober und in der Ostschweiz auch der November waren recht trocken, wogegen der September dann reichliche Niederschläge brachte. Vom Dezember, der auf der Nordseite der Alpen der niederschlagsreichste Christmonat seit Bestehen des offiziellen Beobachtungsnetzes (1864) war, wird noch besonders zu reden sein.

Ergebnisse der im Alpengebiete aufgestellten Totalisatoren.

Erfreulicherweise konnten nicht nur alle im letzten Berichte aufgezählten Apparate in Funktion erhalten werden, sondern die Apparatengruppe im Vispertal erfuhr durch die Aufstellung eines Totalisators auf dem Rothhorn (3237 m) durch die Abteilung für Wasserwirtschaft eine sehr willkommene Ergänzung.

Es wurden folgende Mengen gemessen:

Diableret	(3248 m)	23.	IX.	1917	bis	18.	IX.	1918	204 ‰	Rhonegletscher	(2800 m)	7.	IX.	1917	bis	5.	IX.	1918	210 ‰
Col d'Orny	(3150 m)	27.	IX.	„	„	29.	IX.	„	287 „	Fibbia	(2740 m)	19.	IX.	„	„	18.	IX.	„	208 „
Mattmarksee	(2120 m)	3.	VII.	„	„	2.	VII.	„	92 „	Lago Ritom	(1960 m)	24.	X.	„	„	30.	X.	„	155 „
Galmenhorn	(2850 m)	6.	VII.	„	„	3.	VII.	„	137 „	Skopi	(2750 m)	26.	VII.	„	„	19.	VII.	„	317 „
Rothhorn	(3237 m)	4.	VII.	„	„	5.	VII.	„	211 „	Klaridenfirn	(2710 m)	8.	VIII.	„	„	18.	IX.	„	363 „
Eggishorn	(2250 m)	20.	X.	„	„	5.	IX.	„	96 „	Julier	(2360 m)	23.	VII.	„	„	24.	VII.	„	80 „
Jungfraujoch	(3450 m)	16.	IX.	„	„	14.	IX.	„	295 „	Piz Scalotta	(2970 m)	23.	VII.	„	„	23.	VII.	„	222 „
Konkordiaplatz	(2850 m)	18.	X.	„	„	4.	IX.	„	209 „	Silvrettahütte	(2370 m)	8.	IX.	„	„	15.	VIII.	„	121 „
Grimselhospiz	(1820 m)	14.	X.	„	„	18.	IX.	„	166 „										

Im folgenden sind diese Messungen auf den gleichen Zeitraum (1. IX. 1917 bis 31. VIII. 1918) reduziert wiedergegeben und ihnen die entsprechenden Messungen einer Anzahl unserer regulären Stationen beigegeben, soweit sie zufolge Nähe und Höhenlage zu einem Vergleiche geeignet sind.

Niederschlagsmengen im Alpengebiet 1. IX. 1917 bis 31. VIII. 1918.

1130 m	Gryon	120 ‰	(100 %)
1165 „	Diablerets-Village	132 „	
3248 „	Diableret	184 „	
540 „	Sion	50 „	(79 „)
890 „	Orsières	66 „	(96 „)
2470 „	St. Bernhard	129 „	(100 „)
3150 „	Col d'Orny	277 „	
720 „	Visp	71 „	
1800 „	Saas-Fee	88 „	
2120 „	Mattmarksee	77 „	
2850 „	Galmenhorn	118 „	
3237 „	Rothhorn	180 „	
1080 „	Fiesch	88 „	(91 „)
1376 „	Kippel	91 „	(89 „)
1350 „	Reckingen	102 „	(92 „)
1370 „	Oberwald	157 „	(101 „)
1705 m	Gletsch	162 ‰	
2071 „	Furka	208 „	
2250 „	Eggishorn	115 „	
2800 „	Rhonegletscher	210 „	
1148 „	Beatenberg	137 „	(94 %)
1050 „	Grindelwald	121 „	(99 „)
1055 „	Guttannen	170 „	(108 „)
1820 „	Grimsel	177 „	
2323 „	Eigergletscher	204 „	
3450 „	Jungfraujoch	290 „	
2850 „	Konkordiaplatz	233 „	
1107 „	Göschenen	149 „	(107 „)
1446 „	Andermatt (Kaserne)	174 „	
2100 „	St. Gotthard	195 „	(97 „)
2740 „	Fibbia	208 „	
1960 „	Lago Ritom	132 „	
1143 „	Airolo	158 „	(104 „)

821 m	Auen/Linthal	156 „	(90 %)
2710 „	Klaridenfirn	310 „	
1300 „	Panix	99 „	(80 „)
1787 „	Rigi-Kulm	176 „	(103 „)
873 „	Urnäsch	146 „	(100 „)
2500 „	Säntis	240 „	(96 „)
1378 „	Platta	125 „	(102 „)
2750 „	Skopi	282 „	
2073 „	Bernhardin	240 „	(105 „)
893 „	Olivone	135 „	(90 „)
1213 m	Savognin	74 „	(79 %)
1780 „	Stalla-Bivio	102 „	(78 „)
2970 „	Piz Scalotta	192 „	
1949 „	Avers-Cresta	95 „	
2360 „	Julier	67 „	
1814 „	Sils-Maria	79 „	(81 „)
1207 „	Klosters	107 „	(86 „)
1560 „	Davos-Platz	74 „	(80 „)
2370 „	Silvrettahütte	125 „	
1440 „	Süs	71 „	(95 „)
1713 „	Bevers	65 „	(77 „)

Die in den Totalisatoren 1917/18 aufgespeicherten Niederschlagsmengen blieben östlich des St. Gotthard nicht unwesentlich unter denjenigen des Vorjahres. Die in Klammern beigefügten Prozentzahlen der langjährigen regulären Beobachtungsposten zeigen, dass die Mengen des in Betracht kommenden Zeitraumes (1. IX. 1917 bis 31. VIII. 1918) für die Höhenstationen (Rigi, Säntis, St. Bernhard, Gotthard, Bernhardin) ungefähr den normalen Jahreswerten entsprechen; nur in den innersten Alpentälern selbst (unteres Wallis, Graubündnertäler) blieben sie nennenswert darunter. Man wird also die Totalisatorergebnisse des Betriebsjahres ungefähr als Normalmengen ansehen dürfen. Die einzelnen Resultate geben nach dem in den früheren Berichten Gesagten zu keinen Bemerkungen Veranlassung. Hervorgehoben werden soll nur die ausgesprochene Zunahme in der Niederschlagsmenge, die nach dem Ergebnis des neuen Apparates auf dem Rothhorn auch im Wallis gegen die Kammhöhe des Hauptkammes auftritt (das Rothhorn ist ein Punkt des Grenzkammes zwischen der Schweiz und Italien, ca. 2 km westlich des Monte Moropasses). Das war natürlich zu erwarten, konnte aber jetzt mangels Beobachtungen nur unvollkommen mittelst der sehr unter Windeinfluss leidenden Messungen des St. Bernhard nachgewiesen werden. Seit Mai 1917 wird nun auf dem St. Bernhard neben dem alten Ombrometer ein zweiter mit Niphertrichter versehener täglich beobachtet. Es wird wertvoll sein, das Verhältnis von geschütztem und ungeschütztem Regenmesser für den St. Bernhard durch längere Parallelbeobachtungen festzustellen; die langjährige Beobachtungsreihe dieses Passes wird dadurch sehr an Wert gewinnen.*)

Der Firnzuwachs pro 1917/18 in einigen Gletschergebieten der Schweizeralpen.

Die in den beiden Messgebieten der „Gletscherkommission der physikalischen Gesellschaft Zürich“ abgelesenen Schneehöhen ergaben als

Firnzuwachs pro 1917/18:

Klaridenfirn (seit 26. IX. 1917):

	Datum		Untere Boje 2700m	Obere Boje 2900m
1917	Dezember	24.	310 ‰	250 ‰
1918	Februar	7.	. „	290 „
	„	22.	325 „	. „
	März	30.	410 „	380 „
	Juli	9.	400 „	> 550 „
	August	21.	? „	400 „
	„	31.	240 „	410 „
	September	18.	180 „	400 „

Silvrettafirn (seit 7. IX. 1917):

	Datum		Untere Boje 2760m	Obere Boje 3013m
1917	September	29.	–50 ‰	–50 ‰
	November	17.	80 „	80 „
	Dezember	2.	50 „	80 „
1918	Jannar	1.	50 „	100 „
	„	19.	110 „	160 „
	Februar	9.	90 „	110 „
	März	13.	. „	175 „
	Mai	26.	110 „	180 „
	Juni	2.	105 „	160 „
	Juli	22.	. „	150 „
	August	16.	85 „	160 „

Klaridengebiet. Die vorliegenden Messungen zeigen, dass nach kräftigen Schneefällen im Oktober und Vorwinter der Firnzuwachs im Januar und Februar keine weiteren Fortschritte machte; erst im März nahm die Schneehöhe weiter zu. Leider fehlen Messungen vom April, Mai und Juni; sie hätten wahrscheinlich bewiesen, was wir so nur mutmassen können, nämlich dass in diesen Höhenlagen die grösste Schneehöhe dies Jahr erst Ende Juni/Anfang Juli vorkam; am 9. Juli muss sie bei der oberen Boje mehr als 5½ Meter

*) Es sollen hier noch die uns von der Abteilung für Wasserwirtschaft übermittelten Resultate einer temporär auf der Südseite des Wildhorns installierten Totalisatorengruppe angeschlossen werden. Die vier um den Lac des Audannes (2460 m) gruppierten Monginapparate blieben nur ein Jahr in Funktion und ergaben:

Nr. 1 auf dem Felskopf 1 km nördlich vom See (in 2800 m), 18. VII. 1917 bis 17. VII. 1918 = 169 ‰; reduziert auf unser Normaljahr 160 ‰.
Nr. 2 auf der Passhöhe „La selle“ 1.5 km westlich vom See (in 2700 m), 14. VII. 1917 bis 17. VII. 1918 = 132 ‰, reduziert 124 ‰.
Nr. 3 auf dem Hügel 0.2 km westlich vom See (in 2540 m), 19. VII. 1917 bis 17. VII. 1918 = 122 ‰, reduziert 116 ‰.
Nr. 4 auf der Felsrippe 0.5 km östlich vom See (in 2520 m), 18. VII. 1917 bis 17. VII. 1918 = 155 ‰, reduziert 147 ‰.

betragen haben. Trotz der ungewöhnlich langen Schönwetterperiode im Mai und ersten Junidrittel brachte eben der Frühsommer noch keinen Abtrag, da es in diesen Hochregionen dabei noch zu kalt war. Der sehr kalte und auch niederschlagsreiche Juni brachte dann statt Ablation weitere Schneefälle, welche das Schneehöhenmaximum zu Ende Juni für diese Regionen sehr wahrscheinlich machen (der Säntis lag dafür doch schon zu tief!). Auch in den eigentlichen Sommermonaten war der Abtrag trotz vielen Sonnenscheins weniger gross als normal, da einige Male beträchtliche Neuschneemengen fielen.

So hatten wir bei unserer Jahresaufnahme um Mitte September trotz des späten Zeitpunktes bei der oberen Boje so tief zu bohren wie noch nie, um den Ocker vom August 1917 zu erreichen. Die zwei mitgenommenen Rohrstücke reichten nicht aus; wir mussten noch ein Loch ausschaufeln, von dessen Grund dann die natürlich entsprechend der Tiefe recht mühsamen Bohrungen ausgingen. Das Mittel einer ganzen Reihe in sich recht homogener Bohrungen ergab: Ockertiefe, also bleibender Firnzuwachs 1917/18 = 387 ‰, was bei der ermittelten Dichte von 0.61 einem Wasserwert von 238 ‰ entspricht. — Der Totalisator auf dem Geissbützistock hatte im Zeitraume vom 8. VIII. 1917 bis 17. IX. 1918 363 ‰ Niederschlag gesammelt; für einen Vergleich mit dem Wasserwert des Firnzuwachses sind jedoch 40 ‰ abzuziehen für den Zeitraum vom 8. VIII. bis 26. IX. 1917, da der am 8. VIII. gestreute Ocker am 26. IX. noch direkt auf der Oberfläche des Firns lag, d. h. der Niederschlag dieses Zeitraumes ging, weil als Regen oder als wieder geschmolzener Neuschnee gefallen, für den bleibenden Firnzuwachs verloren. Dies berücksichtigt, stellt sich der Quotient aus Wasserwert des Firnzuwachses und Totalisatorinhalt zu $\frac{238}{323} = 0.74$. Dies ist der höchste Wert des Quotienten seit Beginn unserer Messungen und zwar trotz des ausserordentlich späten Zeitpunktes der Bohrung; die Ursache liegt in der wie schon bemerkt sehr kleinen Ablation im Sommer 1918. — Die Wanderung der Boje und damit die Bewegung des Firns seit dem 8. August 1917 wurde zu 18 Meter in der Richtung $E_{32}N$ (nach dem Bocktschingel) bestimmt; das Firnniveau scheint sich — festgestellt an Ueberdeckungen näherer und fernerer Geländepunkte von einem fixen Standpunkt aus — etwas gesenkt zu haben.

Die Bohrungen bei der untern Boje, wo die Ablation im eigentlichen Sommer dann doch noch kräftig gewirkt hatte, ergaben als Ockertiefe und somit bleibenden Firnzuwachs 192 ‰, was bei der auch hier 0.61 betragenden Dichte einen Wasserwert von 120 ‰ gibt. Die Wanderung dieser Boje wurde für den zweijährigen Zeitraum vom 18. IX. 1916 bis 18. IX. 1918 zu 12 m in der Richtung $S_{15}E$ (gegen den Steilabfall des Geissbützifirns nach der Sandalp) festgestellt. Die Senkung des Firnniveaus scheint hier noch deutlicher zutage zu treten als bei der oberen Boje. Ob daraus auf Entleerung des Firnkollektors und Tendenz für einen Gletschervorstoss geschlossen werden darf?

Das östliche Ende des Klaridengletschers im Altenorentobel (unter dem Hüttenfelsen), das meist mit Firn bedeckt bleibt, fanden wir zu dieser Zeit vollständig ausgeapert (blankes Eis); wir brachten einige provisorische Vermarkungen des Eisrandes an, welche nächstes Jahr versichert werden sollen.

Silvrettagebiet. Hier war unser letztjähriger Besuch (7. September 1917) noch vor das Ende der Ablationsperiode gefallen; nach dem Streuen des Ockers war das Firnniveau noch, wie eine Ablesung an der Boje auf dem Pass zeigt (und unsere Bohrungen bei der untern Boje dann bestätigen), um einen halben Meter abgetragen worden. Die oben mitgeteilten Firnzuwachszahlen sind also noch um diesen Betrag zu vergrössern; das Maximum beträgt dann nach der Tabelle 230 ‰ am 26. Mai. Auch hier dürfte die Schneehöhe zu Ende Juni/Anfang Juli noch etwas grösser gewesen sein, immerhin ein recht bescheidener Jahreszuwachs.

Am 16. August nun ermittelten wir durch unsere Bohrungen die Ockertiefe auf dem Pass (obere Boje, 3013 m) zu 233 ‰; die Dichte betrug nur 0.49, der Wasserwert der Jahresschicht 1917/18 somit 115 ‰. Dieser entspricht ziemlich genau dem Totalisatorergebnis bei der Silvrettahütte von 121 ‰; die Uebereinstimmung ist aber nach unsern früheren Erfahrungen wahrscheinlich nur deswegen eine so gute, weil das sich sonst aus der Firnbohrungsmethode ergebende Niederschlagsdefizit hier ausgeglichen wird durch die grössere Niederschlagshöhe des Silvrettapasses gegenüber der Hütte. — Die Bestimmung der Bojenverschiebung ergab für den zweijährigen Zeitraum vom 8. August 1916 bis 16. August 1918 eine Wanderung von $6^1/_2$ in der Richtung $W_{25}N$ (also gegen Klosters).

Die Bohrungen bei der untern Boje (2760 m) stiessen bei einer Tiefe von 161 ‰ auf den Ocker vom September 1917; Dichte 0.53, Wasserwert 86 ‰. Unmittelbar unter diesem gelben Ocker fand ich mehrmals den roten Ocker vom August 1916, wie schon bemerkt, ein weiterer Beweis dafür, dass im warmen September 1917 nach dem Streuen des Ockers die Ablation noch weiter tätig gewesen war; hier hatte sie den am 7. September noch vorhandenen Rest der Jahresschicht 1916/17 von 59 ‰ Mächtigkeit noch vollständig wegzuschmelzen vermocht.

Zusammenfassend lässt sich über den Firnzuwachs pro 1917/18 in unsern beiden Messgebieten sagen:

Auf Klariden ist er, trotzdem die Niederschläge des Winterhalbjahres kleiner waren als 1916/17, grösser als im Vorjahr (4 Meter gegen 3.3 Meter) zufolge der kalten Witterung im Frühsommer, die statt Ablation noch Zuwachs brachte.

Aut Silvretta ist er mit 2.3 Meter (auf dem Pass) nur wenig kleiner als im Vorjahr (2.7 Meter), trotzdem hier die Niederschläge ganz bedeutend unter den vorjährigen blieben. Auch hier liegt der Grund in der kleineren Ablation, die sich im Vorsommer noch in das Gegenteil verkehrte.

Es liegen noch einige Firnzuwachsbestimmungen aus andern Gletschergebieten der Schweiz vor. Auf dem Col d'Orny (3150 m) bestimmte ihn Hr. Prof. P. L. Mercanton zu 155 ‰; mittlere Dichte 0.47. Wasserwert 67 ‰.

Im oberen Grossfirnprofil des Rhonegletschers (2960 m) war es der Gletscherkommission der Schweizerischen Naturforschenden Gesellschaft wegen Verschwindens der im August 1917 gestellten Stangen nicht möglich, den damals gestreuten Ocker zu erbohren. Nimmt man aber eine bei den Bohrungen vom 21. August 1918 in der mittleren Tiefe von 299 ‰ auftretende Harstschicht als wahrscheinliche Herbstoberfläche 1917 an, so hätte man damit den Firnzuwachs auf 3 Meter bestimmt, Dichte 0.60, Wasserwert 191 ‰; der an der Scheidfluh (2800 m) installierte Totalisator sammelte vom 7. September 1917 bis 5. September 1918 210 ‰ Niederschlag. Die beiden Zahlen kommen sich merkwürdig nahe, einmal weil – wie wir gesehen haben – dies Jahr die Ablation in den Hochregionen abnorm klein war, und sodann dürfte die Niederschlagsmenge im Grossfirnprofil (2960 m) noch etwas grösser sein als beim Totalisator. Die folgenden Jahresergebnisse werden uns darüber aufklären.

Einzelne bemerkenswerte Niederschläge.

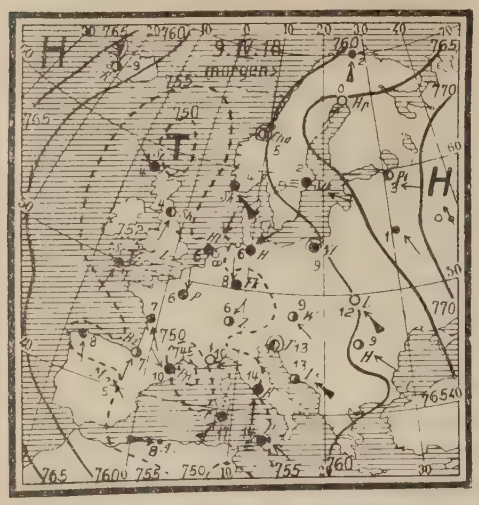
Der Depressionsvorübergang vom 7./8. Januar, welcher einer langen und sehr intensiven Frostperiode ein Ende machte, zeigte wieder deutlich, dass auch das Schweizergebiet nordwärts der Alpen in Bezug auf Niederschlagsverteilung keine Einheit bildet. Der 7., an welchem das Depressionszentrum über dem Skagerrak, ein Teilminimum über Nordwestfrankreich lag, brachte der Westschweiz, namentlich gewissen Teilen des Jura, grosse Regenmengen (Vallorbe 43, Weissenstein 47, Balsthal 60 ‰); am 8. dagegen verursachte ein Teilminimum über Polen im Voralpengebiet und in der Nordostschweiz starke Schneefälle (La Valsainte 38, Rickenbach 41, Lichtensteig 38, Heiden 34 ‰), während das Genferseegebiet jetzt sozusagen niederschlagsfrei war.

1. März 1918, abends.

Sehr starke Niederschläge im zentralen Alpengebiete am 1./2. März. Eine am 28. Februar über der Nordsee gelegene Depression verlagerte sich auf den 1. März nach dem zentralen Europa; am Abend dieses Tages war der Luftdruck am tiefsten über den Westalpen und der Riviera. Die Niederschläge, die schon am Abend des 28. eingesetzt hatten, erreichten nun im Gotthardmassiv und den von ihm ausstrahlenden Tälern am 1. und 2. März ganz enorme Beträge; so ergaben die Tagesmengen dieser beiden Tage (Schmelzwasser des gefallenen Schnees): St. Gotthard 104, Platta-Medels 100, Hinterrhein 110, Andeer 79; Andermatt (Kaserne) 86, Göschenenalp 145, Färnigen 180, Lungenstutz 93, Guttannen 116, Lauterbrunnen 86, Eigergletscher 148, Gletsch 123, Binn 115, Visp 103 ‰; auf der Südseite der Alpen reichen diese starken Niederschläge bis zu den Seen hinunter: Faido 118, Biasca 127, Crana Torricella 139, Cevio 191, Locarno 117, Lugano 125 ‰; auch das Bergell und das Oberengadin weisen relativ ganz ausserordentliche Beträge auf: Soglio 80, Sils-Maria 83 ‰. Vergleiche Kärtchen 1 auf der beigegebenen Tafel. — Die Höhenstationen südlich und nördlich der Alpen beobachteten an beiden Tagen eine südöstliche bis östliche Luftdrift; besonders auffallend ist der am 2. auf dem St. Gotthard konstant stürmisch wehende Ostwind E_1, weil dieser Pass sonst nur N- und S-Winde als starke Winde kennt. Ein barometrischer Gradient über die Alpen bestand im Niveau des Flachlandes nicht. Der Fall zeigt viel Aehnlichkeit mit demjenigen vom 30./31. Juli 1917, wo auch eine kontinentale Depression mit einem Zentrum über Südfrankreich im zentralen Alpengebiete grosse Niederschläge bedingte.

Starke Föhnniederschläge im oberen Wallis. Eine Depression über dem westlichen Mittelmeer entwickelte bis zum Morgen des 9. April ein stark ausgebildetes Druckminimum über dem Golf du Lion (744 ‰), das Druckmaximum lag über dem Nordosten des Kontinentes. Da aber trotz dieser Druckverteilung der Südfuss der Alpen höheren Druck hatte als der Nordfuss (Differenz um $1^1/_2{}^h$ p m 6.5 ‰ zwischen Lugano und Basel), wehte in den nördlichen Alpentälern seit früh morgens starker Föhn, und es fielen auf der Südseite erhebliche Niederschläge: Camedo 67, Cevio 75 ‰. Noch grössere Tagesmengen aber weist das Simplongebiet auf und zwar nicht nur die Südseite: Simplon-Dorf 150 ‰, sondern auch die Talschlüsse der Nordseite: Saas-Fee 82, Zermatt 90, Binn 60, und auch im Haupttale fielen noch grosse Mengen: Visp 79, Oberwald 52 ‰. Es sei auf den punkto Isobaren- und Niederschlagsverteilung ganz ähnlichen Fall vom 30. Oktober 1917 verwiesen, dabei aber bemerkt, dass der damals konstatierte sehr starke barometrische Gradient Wallis-Genfersee diesmal nur unbedeutend war.

Am Nachmittag des 15. April fielen in der Voralpenzone zwischen Säntis und Pilatus starke Niederschläge, die stellenweise den Betrag von 50 m/m erreichten: Haag 53, Urnäsch 55, Vorder-Wäggital 54, Rigi-Kulm 67, Weggis 49 m/m. Wie aus Anhang Nr. 3, Tafel I, 1 ersichtlich, liegen diese Orte auf der schmalen Zugstrasse eines vom Säntis zum Pilatus ziehenden Gewitters, dessen Fortbewegung von NE nach SW in Anbetracht von Wetterlage (kontinentale Depression mit Zentrum über Bayern) und Windrichtung (NW-Zug von A-Str. und Fr-Ni in Zürich) einigermassen verwunderlich erscheint.



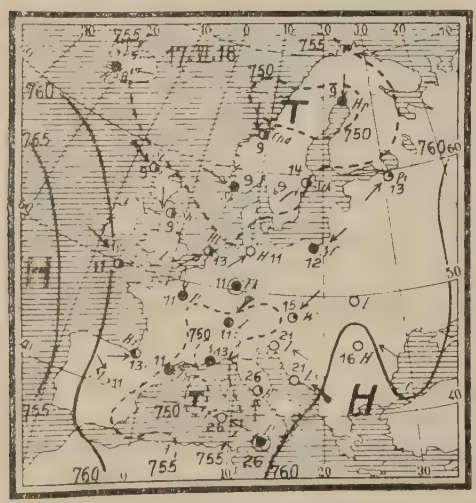
9. April 1918, morgens.

Während eines am 11. Mai den Jura überziehenden Gewitters (vergl. Anhang Nr. 3, Tafel I, 3 mit maximalen Niederschlägen im Hauensteingebiet fielen in Reigoldswil 50 m/m.

Der Einbruch der flachen westlichen Depression am 10. Juni, welche die ungewöhnlich lange Trockenperiode der zweiten Mai- und ersten Junihälfte abschloss, bedingte namentlich im Wallis verhältnismässig starke Niederschläge; in Zermatt wurden 60 m/m erreicht. Es kamen dabei vereinzelte Gewittererscheinungen vor, so in Siders.

Ausgesprochene Gewitterregen waren diejenigen vom 15. Juni, an welchem Tage eine nördliche Depression mit Teilminimum über Südfrankreich bestand. Die maximalen Regenmengen: Eptingen 55, Freiburg 60 und am untern Ende des Genfersees (Genf 57, Jussy 70 m/m) lassen sich zwanglos in Beziehung setzen zu verschiedenen in Anhang Nr. 3, Tafel II, 3 dargestellten Gewitterzügen.

Starke Regenfälle im Tessin und zwischen Haslital und Walensee am 16./17. Juni. Die eben erwähnte Teildepression vertiefte sich im Laufe des 16. und lag am Morgen des 17. mit ihrem Zentrum über dem westlichen Mittelmeer und den Westalpen. Am 16. fielen im Tessin grosse Regenmengen (Camedo 218, Sonogno 146, Biasca 104, Airolo 115 m/m), aber auch im Medels (Platta 81), im Urserental (Andermatt 62) und auch noch im Maderanertal (Lungenstutz 90 m/m). Noch grösser sind dann die Tagesmengen vom 17., an welchem die Maggiatäler, das Gotthardgebiet, der westliche Teil des Berneroberlandes und selbst noch Stationen diesseits des nördlichen Hauptkammes Beträge von 100 m/m und mehr meldeten: Camedo 219, Mosogno 213, Cevio 208, Airolo 189, Faido 165, St. Gotthard 166, Andermatt 151, Platta 155, Sedrun 104, Surrhein 108, Göschenenalp 101, Gurtnellen 94, Lungenstutz 110, Unterschächen 110, Bisistal 96, Auen/Linthal 94, Klöntal 90, Engelberg 89, Guttannen 77, Reckingen 74 m/m. Die Isohyete von 50 m/m umschliesst das ganze Gebiet zwischen Langensee einerseits und Zürichsee und Toggenburg andererseits. (Vergl. Kärtchen 2.) — Es scheint, dass die grossen Niederschläge des Gotthardgebietes (oder besser gesagt des zentralschweizerischen Alpengebietes) in diesem Falle zustande kommen dadurch, dass es partizipiert an der durch die südwestliche Depression bedingte Ueberregung der Südabdachung der Alpen, sodann aber auch an den unmittelbar anschliessenden starken Niederschlägen der zentral- und ostschweizerischen nördlichen Alpenflanke.



17. Juni 1918, morgens.

Die Depression oder ein Teil derselben bewegte sich nämlich am 17. mit grosser Raschheit im Norden der Alpen ostwärts: Zürich hatte den tiefsten Barometerstand um $9^1/_2{}^h$ morgens; die Wetterkarte der Seewarte zeigt um 2^h p m ein Tiefdruckzentrum über Bayern, um 8^h p m über Böhmen. Im Rücken dieses Wirbels setzten dann stärkere Niederschläge ein; in Zürich beginnt beispielsweise der Regen um 1^h p m, wird aber erst um 4^h abends stärker bei WNW-Richtung der Nimbuswolken. Entsprechend notierte auch der St. Gotthard, wo vom Abend des 16. an starker S-Wind geweht hatte — trotzdem die Barometerdifferenz Lugano-Basel im Maximum 3.2 m/m erreichte —, am Abend des 17. Nordwind.

Bedeutende Niederschläge fielen im Voralpengebiet und der nördlichen Hauptkette auch am 21. Juni, an welchem Tage ein Teilminimum einer nordwestlichen Depression über Ost-Deutschland lag, während über dem Südwesten des Kontinents hoher Druck lagerte; diese Druckverteilung bedingte eine westliche bis nordwestliche Luftbewegung mit Niederschlägen, die auf der Nordseite der Alpen allgemein in der Nacht vom 20./21. einsetzten. Namentlich im Jura und im Westen des Landes fielen bis $7^1/_2{}^h$ morgens — also noch dem 20. zugeschrieben — schon beträchtliche Mengen; der Hauptniederschlag aber kommt auf den 21. Es wurden an dem-

selben der Betrag von 50 m/m erreicht und überschritten in den höheren Lagen des Jura: St. Sulpice 52, Fontainemelon 57 und längs der ganzen Nordabdachung der Alpen: Boltigen 62, Interlaken 68, Lungern 75, Gletsch 65, Andermatt 87, Sattel 60, Klöntal 71, Ricken 77, Wildhaus 71 und Säntis 118 m/m. — Auf dem Säntis drehte der im allgemeinen westsüdwestliche Wind in den Morgenstunden des 21. für kürzere Zeit nach WNW.

Am 9. und 10. Juli gingen im ganzen Lande Gewitterregen nieder. Besondere Intensität erreichten die Niederschläge im Tessin, wo — an beiden Tagen zusammen — beispielsweise gemessen wurde: in Faido 101, Olivone 140, Biasca 154, Locarno 197, Mosogno 247, Camedo 319 m/m; dabei kamen im Tessin nur vereinzelte Gewittererscheinungen vor. Die Wetterkarte zeigte den Einbruch einer nordwestlichen Depression in dem Kontinent; das barometrische Südnordgefälle über die Alpen war am 9. mässig, am 10. unbedeutend; Gotthard und Säntis hatten leichten Südostwind

Recht interessant ist die Niederschlagsverteilung vom 28. Juli. Eine am 27. über Belgien liegende Depression mit Teilminimum über Galizien hatte schon an diesem Tage der ganzen Schweiz nördlich der Alpen stärkere Niederschläge gebracht; am 28. weist dann das ostschweizerische Voralpengebiet ganz erhebliche Niederschläge auf: Sattel 52, Klöntal 51, Weesen 51, Wildhaus 60, Säntis 103 m/m, während nicht nur die Westschweiz, sondern auch das ostschweizerische Mittelland nur unbedeutende Niederschläge hatte (Zürich 2 m/m). Das barometrische Minimum hatte sich auf den 28. ganz nach dem Südosten des Kontinentes (Ungarn) verlagert und von Westen her war der Luftdruck in Zunahme begriffen; der Wolkenzug in Zürich weist eine nördliche Komponente auf (Ni aus $W_{15}N$), während Rigi ziemlich starken W, Säntis WSW hat.

Am 2. August, an dem eine Depression über dem nordwestlichen Frankreich auf der Nordseite der Alpen Niederschläge bedingte, kamen am Abend im Tessin Gewitter zum Ausbruch, die im Sopra-Cenere allgemein recht grosse Niederschläge brachten, z. B. Comprovasco 82, Camedo 127 m/m. Diese wiederholten sich am 3. bei wenig veränderter Wetterlage; die Regenmaxima haben diesmal Biasca (89) und das Gebiet zwischen Luganer- und oberem Langensee (Lugano 98, Crana-Torricella 101, Ponte Tresa 97, Locarno 128 m/m); es entspricht dies dem in Anhang Nr. 3, pag. 10, erwähnten Gewitterzug. Auch das Bündnerland hatte am 3. grosse Regenmengen: Vals 61, Ilanz 50, Safienplatz 59, Splügendorf 69, Tomils 59, Chur 59, Valens 60 m/m; Gewittererscheinungen kamen hier nur ganz vereinzelt vor.

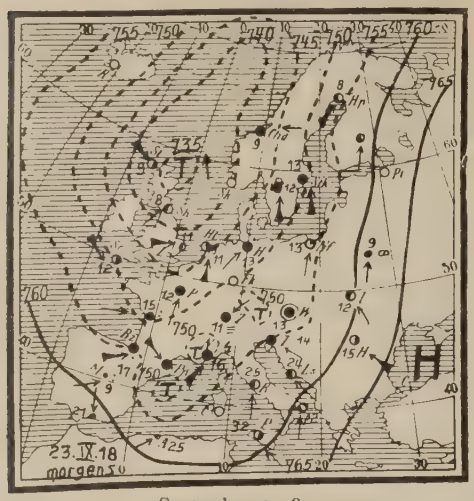
Der Betrag von 50 m/m wurde an verschiedenen Orten auch erreicht am 6. August, an welchem Tage im ganzen Lande zahlreiche Gewitter niedergingen (vide Anhang Nr. 3, Tafel IV, 1); so hatten Engelberg 51, Klöntal 55, Ebnat 50, Sänis 68, Haag 62 m/m. Am Morgen dieses Tages lag ein Depressionszentrum östlich der englischen Küste und verlagerte sich bis zum Morgen des 7. nach Ost-Deutschland.

Schliesslich müssen vom August noch erwähnt werden die starken Niederschläge, die in der Zentralschweiz beim Wettersturz vom 29./30. fielen und die ihr Maximum in Isental (57) und Bisistal (50) erreichten. Eine am Morgen des 29. über Dänemark liegende Depression verpflanzte sich südostwärts; am Morgen des 30. lag der tiefste Druck über der Adria; die auf der Nordseite der Alpen allgemeinen Niederschläge waren in der Zentralschweiz von Gewittern begleitet; vergleiche Anhang Nr. 3, Tafel IV, 5. Die Windrichtung war auf dem St. Gotthard am 29. schon seit morgens, auf dem Säntis seit den Nachmittagsstunden eine nördliche.

10. September 1918, abends.

Starke Niederschläge im Mittellande am 10. September. Das Bild der Niederschlagsverteilung dieses Tages ist ein etwas ungewöhnliches: vom Genfersee bis zum untern Bodensee zieht sich durch das ganze Mittelland eine bandförmige Zone von 40 und mehr Millimetern Niederschlag (vergl. Kärtchen 3); die Maxima hat in der West- und Zentralschweiz der Voralpenrand: Marsens 76, Plaffeyen 79, Belp 73, Entlebuch 65, UnterAegeri 70, Schönenberg-Waldhalde 68 m/m, in der Nordschweiz das eigentliche Mittelland: Winterthur 50, Kollbrunn 55, Thundorf 53 m/m. Wetterlage: Ein vom 10. auf den 11. von Schottland nach Süd-Norwegen fortschreitendes Minimum bedingte in der Höhe sehr starke Westdrift (Zug der A-Cu in Zürich aus W_7S mit 180 relativer Geschwindigkeit); während der Dauer des intensivsten Regens (von 8 p bis 3 a) wurde in Zürich WNW-Wind registriert. Die Regenverteilung machte eine solche Windrichtung von vornherein wahrscheinlich; abweichend von der Regel ist aber die Maximalzone weniger weit alpenwärts vorgeschoben und teilweise noch im Mittellande selbst. — Da der Regen am 11. September beim Messungstermin ($7^1/_2{}^h$ a) noch anhielt, so müssten, um die Totalmengen zu bekommen, noch die Beträge des 11. addiert werden. — Eigentümlich ist der in Sitten dem Regen vorhergehende, warme und trockene SW-Sturm: $9^1/_2{}^h$ p 21,2°, 29 % bei SW_3 1.

Der 23. September brachte dem ganzen Lande starke Niederschläge, die relativ grössten der Westschweiz, dem tessinischen, zentral- und südostschweizerischen Alpengebiet (vergl. Kärtchen 4). Ein am 22. über Schottland erscheinendes barometrisches Minimum entwickelte eine Teildepression über dem Golf du Lion; während dieses Tages hatte die Ostschweiz bei Föhn noch keine oder nur unbedeutende Niederschläge; dagegen setzten solche im Westen des Landes und in der Südschweiz ein (Genf 23, Camedo 127 m/m). Bis zum Morgen des 23. war dann der barometrische Gradient über die Alpen sozusagen verschwunden; nichtsdestoweniger hatte der Monte Generoso den ganzen Tag stürmischen SE-Wind und auch auf dem St. Gotthard wehte der Wind aus S, während der Säntis unter dem Einfluss einer sich im Norden vorbeibewegenden Teildepression SW registrierte. An diesem Tage hatte das ganze Land Niederschläge, die in den oben bezeichneten Gebieten stellenweise von zahlreichen, doch mehr oder weniger lokalen Gewittererscheinungen begleitet waren. Es betragen beispielsweise die Tagesmengen in Genf 53, Jussy 62, Cossonay 58, Yverdon 58 m/m; im Jura hatte Les Brenets 55, Couvet 54, Courtelary 50 m/m; im Alpengebiete Oberwald 65, Guttannen 70, Gotthard 112, Andermatt 77, Gurtnellen 56, Lungenstutz 75, Klöntal 67, Obstalden 57, Platta im Medels 106, Surrhein 75, Splügen 70, Andeer 55 m/m, und selbst im Engadin wurden ähnliche Beträge erreicht: Sils 61, Remüs 50 m/m; im Tessin fielen bis zu 204 m/m in Mosogno, und hier hatte auch der 24. noch grosse Niederschläge (133 m/m in Camedo). — Am 23. wurde um 2 p m — eine Stunde, nachdem der intensive Regen eingesetzt hatte — in Zürich der Ni-Zug zu N10E und 70 relativer Geschwindigkeit gemessen; die untersten Luftschichten waren also in lebhafter Drift aus Norden, welche die starken Niederschläge am Nordhange der Alpen östlich der Aare gleichzeitig mit solchen in der Südwest- und Südschweiz erklärlich macht. Diese Norddrift scheint — die Winde von Rigi und Säntis sowohl wie die geringen Niederschläge dieser Höhenstationen sprechen dafür — nicht sehr hoch hinauf gereicht zu haben.



23. September 1918, morgens.

Ungewöhnlich ist das Bild der Regenverteilung am 15. Oktober, an welchem im ganzen Lande regnerischen Tagen grosse Mengen im Basler und Solothurner Jura (Basel 36, Pfeffingen 46, Balstal 46, Solothurn 41 m/m) fielen; auch im anschliessenden Teile des Mittellandes und in den Berner und Freiburger Voralpen waren die Niederschläge nicht unbeträchtlich (Burgdorf 38, Beatenberg 39, La Roche 40 m/m), während sie gegen den Neuenburger- und Genfersee rasch abnahmen (vergl. Kärtchen 5). Die Wetterkarte vom 15. zeigt eine Depression über Italien, eine zweite im Norden von Schottland mit Teilminimum über dem Kanal; das letztere scheint sich bis zum Morgen des 16. dann zu der über den Niederlanden liegenden Hauptdepression vertieft zu haben; Wind auf dem Säntis SW, gegen Abend auffrischend.

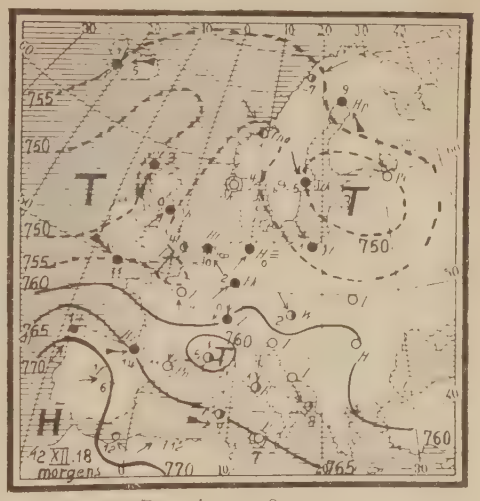
Der Dezember 1918 war auf der Alpennordseite der niederschlagsreichste Christmonat seit Bestehen unseres Netzes; es wurden (vergl. Tabelle pag. 10) im Mittelland das 2—3fache, in den Alpentälern sogar das 3—4fache der normalen Dezembermengen gemessen.

Starke Niederschläge fielen längs der nördlichen Hauptkette der Alpen im Gebiete der Zentral- und Ostschweiz am 13. Dezember (Beatenberg 53, Guttannen 62, Färnigen 72, Unterschächen 73, Auen/Linthal 87, Klöntal 85, Wildhaus 86, Säntis 115, Seewis im Prätigau 120, Klosters 85, Davos 69, Arosa 63 m/m). Bei sehr hohem Luftdruck über dem Westen des Kontinentes lag an diesem Tage ein barometrisches Minimum über Westpreussen, das sich aber bis zum 14. rasch ausfüllte. Bis zur Säntishöhe, d. h. soweit Messungen vorliegen, herrschte eine südwestliche Luftbewegung bei sehr hohen Temperaturen (im Mittelland um 10, auf dem Säntis um 0 Grade). Der Fall lässt sich also trotz der ähnlichen Regenverteilung nicht ohne weiteres dem namentlich im Sommer vorkommenden Typus grosser Niederschläge am Nordhange der Alpen einreihen, welche auf eine nordwestliche oder nördliche Komponente der Luftbewegung zurückgeführt werden können. Er erinnert an den allerdings noch viel intensiveren Niederschlag vom 9. Januar 1914. Die damals für die Erklärung herbeigezogene horizontale Temperaturverteilung über Zentraleuropa ist diesmal nicht zu konstatieren; dagegen haben beide Fälle das Gemeinsame, dass bei hohem Luftdruck über dem SW eine östliche Depression durch Vorstoss hohen Druckes aus dem Norden sehr rasch zum Verschwinden gebracht wurde, wobei beide Male zwischen dem südwestlichen und nordöstlichen Hochdruck sich eine flache Rinne etwas niedrigeren Luftdruckes erhielt.

Am Nachmittag des 18. Dezember bei südwestlichen Winden einsetzende Niederschläge erreichten die grössten Beträge im westlichen Jura: Satigny 52, St. Cergue 52, Gingins 58, Chambrelien 42, Evilard 56, Herbetswil 40 m/m; merkwürdig ist noch ein Maximum in der Ostschweiz: Aadorf 43 m/m; relativ sehr grosse Mengen

hatte das Wallis: Marécottes 50, Martigny 48, Siders 40 m/m. Eine am Morgen des 18. nördlich von Schottland auftretende Depression mit Teilminimum über Nordwestfrankreich verpflanzte ihr Zentrum bis zum Morgen des 19. nach Hamburg.

Ganz enorm waren die Niederschläge, die am 22. und 23. auf der Alpennordseite fielen. Eine am 22. im Westen der britischen Inseln auftauchende Depression mit Teilminimum über Nordostfrankreich schlug östliche Bahn ein und lag am Morgen des 23. über der Nordsee, am Morgen des 24. über dem Sund. Am Vormittag des 22. fiel im schweizerischen Mittelland bei Temperatur um Null etwas Schnee; im Laufe des Tages machte sich von Westen nach Osten fortschreitende Erwärmung fühlbar ($9^1/_2{}^h$ abends Genf 8.4°, Bern 6.0°, Zürich 3.9°), und es setzte bei auffrischendem SW-Wind starker Regen ein, der bis in die Nacht hinein andauerte. Die absolut grössten Beträge fielen im Alpengebiete nordwärts der Rhone-Rheintalung und im Wallis, wobei hervorzuheben ist, dass im Wallis relativ die grössten Mengen gemessen wurden: Marécottes 93, Sion 59, Nax 75, Leukerbad 89, Gletsch 81 m/m; nordwärts der Hauptkette hatte Boltigen 84, Interlaken 101, Schangnau 70, Lungern 100, Oberiberg 75, Weisstannen 73 m/m; vergl. Kärtchen 6. — Auch die im Lauf des 23. fallenden Beträge waren für die Jahreszeit noch ganz ausserordentlich; die Maximalzone liegt diesmal in den Voralpen östlich der Aare: Gsteig 68, Lungern 70, Flüehli 63, Oberiberg 75, Nesslau 80, Ebnat 84, Altstätten i. Rh. 58 m/m. Grosse Niederschläge fielen an beiden Tagen auch im höheren Jura, so am 22. in Le Sentier 69, l'Auberson 66, St. Sulpice 81, Fontainemelon 65; am 23. in Vallorbe 64, Baulmes 73, Fontainemelon 69, Mt. Soleil 60 m/m. — Wie schon bemerkt, war die Windrichtung bei diesen ganz ausserordentlich intensiven Winterniederschlägen am 22. und auch am 23. eine südwestliche bis westliche entsprechend einem barometrischen Süd-Nordgefälle über die Alpen, auf welchen prinzipiellen Unterschied gegenüber den sommerlichen Ueberregungen der Nordflanke der Alpen hier wieder — wie schon für den 13. Dezember — aufmerksam gemacht sei.



22. Dezember 1918, morgens.

Dr. R. Billwiller.

Bemerkenswerte Niederschlagsverteilungen im Jahre 1918.

Nr. 3.

Gewitterbeobachtungen im Jahre 1918.

(Mit 4 Tafeln.)

Die Gewitterbeobachtungen wurden in gewohnter Weise fortgesetzt und vom bisherigen Bearbeiter zusammengestellt. Das nachstehende Verzeichnis gibt die Namen derjenigen Beobachter, welche sich durch Einsendung einer erheblichen Zahl von entsprechend ausgefüllten Rapportkarten, eventuell auch von schriftlichen Mitteilungen, oder wenigstens durch Eintragung einer grösseren Anzahl mit genauen Zeitangaben versehener Notizen in die Monatstabellen dienstbar gemacht haben.

1. Kanton Aargau.

Aarau — H. Amsler, Werkführer.
Böttstein — J. Hauser, mechan. Stickerei.
Kölliken — R. Häuy, Lehrer.
Möhlin — A. Kramis, Pfarrer.
Rheinfelden — Frau A. Hoffmann.
Zofingen — G. Brack, Lehrer.
Zurzach — J. Eichenberger, Lehrer.

2. Kanton Appenzell.

Heiden — Frl. S. Niederer.
Säntis — J. Bommer.
Teufen — J. Tanner, Lehrer.

3. Kanton Basel.

Augst — E. Dietler.
Basel — W. Mörikofer, Assistent.
Bennwil — Gottlieb Heinimann.
Kilchberg — E. Buess, Landwirt.
Lampenberg — Emil Vögelin.
Langenbruck — T. Bieder, Sigrist.
Liestal — H. Pfaff, Aufseher.
Pfeffingen — M. Tschudy, Lehrer.
Reigoldswil — K. Plattner, Sigrist.
Therwil — A. Stehlin, Bezirkslehrer.
Wintersingen — W. Bührer, Pfarrer.

4. Kanton Bern.

Beatenberg — H. Bay, Pfarrer.
Bellelay — C. Winkelmann, Portier.
Bern — Tellur. Observatorium.
Champ-Fahy — L. Grosjean, instituteur.
Delémont — H. Gobat, insp. scol.
La Ferrière — J. L. Herzog, pasteur.
Guttannen — Kath. Fischer.
Herzogenbuchsee — J. Kaufmann, Lehrer.
Lauterbrunnen — Fr. Gammeter, Sek.-Lehrer.
Lyss — Bürgi, Coiffeur.
Mervelier — Ch. Marquis.
Saignelégier — Rob. Schneider, pasteur.
Wasen — J. Wiedmer, Lehrer.

5. Kanton Freiburg.

Freiburg — Dr. A. Gockel, Professor.
La Roche — J. Scherlz, facteur postal.
La Valsainte — P. H. Casanova.

6. Kanton St. Gallen.

Altstätten — J. Haltner, Lehrer.
Degersheim — Jakob Roth.
Ebnat — C. Girtanner, Kaufmann.
St. Gallen — J. G. Kessler, Bankbeamter.
Hof Oberkirch — Noll-Tobler, Lehrer.

7. Kanton Genf.

Genf — Observatorium.

8. Kanton Glarus.

Elm — J. Weiss, Lehrer.
Glarus — J. Gehring, Waisenvater.
Secken b. Linthal — Ernst Brandenberger

9. Kanton Graubünden.

Bernhardin — Familie Stoffel.
Bevers — J. Camenisch, Lehrer.
Braggio — C. Berera, Förster.
Sta Maria — S. Tuffli, Zolleinnehmer.
Muottas-Muraigl — W. Mörikofer
Platta-Medels — J. Berther, Pfarrer.
Seewis — Frau E. Sprecher.

10. Kanton Luzern.

Hitzkirch — Frau Prof. Achermann-Lang.
Luthern — J. Suppiger.
Luzern — Nina Arnet, Lehrerin.
Rathausen — Ineichen, Lehrer.
St. Urban — J. Schwyzer, Portier.
Vitznau — E. Bärri, Arzt.
Weggis — Frau S. Naef.

11. Kanton Neuenburg.

La Brévine — Mme Matthey, part.
La Chaux-de-Fonds — Léon Leuba, dess.
Neuchâtel — Observatorium.
Les Ponts — A. Erb, horloger.

12. Kanton Schaffhausen.

Lohn — H. Brühlmann, J. Wäckerlin.
Schaffhausen — G. Meyer, Lehrer.
Schleitheim — G. Neck, Reallehrer.
Stein — H. Bächtold, Reallehrer.
Unter-Hallau — Hans Huber, Lehrer.
Wilchingen — John Gysel, Lehrer.

13. Kanton Schwyz.

Küssnach — Oscar Trutmann.
Rickenbach — Oswald Flüeler, Sem.-Lehrer.

14. Kanton Solothurn.

Allerheiligen — W. Furrer, E. Frank.

15. Kanton Tessin.

Bellinzona — A. Lienhard, Postbeamter.
Mte Brè — G. Buzzi.
Crana-Torricella — Patrocchi, guardiano.
St. Gotthard — W. Horlacher.
Locarno — G. Mariani, Professor.
Lugano — G. Malatesta, Professor.

16. Kanton Thurgau.

Aadorf — Joh. Nater, Lehrer.
Bischofszell — H. Fischer, Sek.-Lehrer.
Diessenhofen — J. G. Maeder, Reg.-Statthalter.
Frauenfeld — Dr. Hess, Professor.
Haidenhaus — Frau E. Herzog.
Kreuzlingen — J. Brauchli.
Steckborn — C. Pischl-Hartmann.

17. Kanton Unterwalden.

Engelberg — N. Kaeser, Pater.
Sarnen — P. Ch. Durrer.

18. Kanton Uri.

Altdorf — Heinrika Nager.

19. Kanton Waadt.

Clarens — C. Bührer, pharmacien.
Gingins — J. L. Bignens, forestier.
Lausanne — D. Valet, concierge.
Montcherand — M. Moreillon, insp. forest.
Payerne — P. Cruchet, professeur.

20. Kanton Wallis.

Sierre — François de Courten, curé.
Sion — Couvent des capucins.
Visp — W. Burlet, pharmacien.

21. Kanton Zürich.

Hinwil — Ed. Benz, a. Lehrer.
Rheinau — Pflegeanstalt.
Uster — Weber-Schellenberg, Fabrikant.
Wädenswil — H. Baumann, Lehrer.
Wil (Rafz) — D. Angst, Friedensrichter.
Winterthur — Fr. Krebs, Professor.
Zollikon — J. Fausch, Verwalter.
Zürich — Meteorolog. Zentralanstalt.

22. Kanton Zug.

Walchwil — F. Bachmann.

Die Summe der zur Verfügung gestandenen Notizen, nämlich 2908, wovon 2564 den Tabellen der meteorologischen und Regenmess-Stationen, 335 den Gewitter-Rapportkarten, sowie brieflichen Mitteilungen entnommen und die übrigen aus Zeitungen gewonnen wurden, verteilt sich auf die 125 Tage mit Gewittererscheinungen wie folgt:

Jan.	16.	1	April	27.	41	Mai	24.	6	Juni	23.	35	Juli	16.	8	August	10.	12	Sept	13.	1
„	17.	1	„	29.	34	„	25.	1	„	24.	1	„	17.	19	„	13.	37	„	18.	9
			„	30.	2	„	26.	82	„	26.	40	„	18.	123	„	16.	2	„	19.	9
März	1.	2				„	27.	1	„	27.	85	„	19.	1	„	22.	2	„	22.	9
„	3.	3	Mai	2.	1	„	31.	3	„	28.	2	„	20.	74	„	23.	112	„	23.	29
„	4.	1	„	5.	2				„	29.	109	„	21.	1	„	24.	98	„	25.	6
„	11.	1	„	7.	70	Juni	1.	1	„	30.	1	„	22.	15	„	25.	7	„	28.	3
„	25.	7	„	9.	12	„	3.	1				„	25.	9	„	26.	9	„	29.	1
			„	10.	1	„	4.	9	Juli	1.	1	„	26.	16	„	27.	1	„	30.	2
April	5.	28	„	11.	79	„	5.	4	„	2.	21	„	27.	43	„	28.	8			
„	7.	13	„	12.	30	„	7.	15	„	3.	5	„	28.	1	„	29.	25			
„	10.	26	„	13.	8	„	8.	3	„	4.	2	„	31.	1	„	30.	22	Oktober	1.	3
„	11.	3	„	14.	5	„	10.	12	„	5.	11							„	20.	1
„	12.	3	„	17.	59	„	11.	47	„	7.	1	August	1.	1	Sept.	3.	1			
„	14.	99	„	18.	88	„	12.	9	„	9.	91	„	2.	11	„	5.	52			
„	15.	17	„	19.	34	„	14.	3	„	10.	48	„	3.	49	„	6.	47	Dez.	19.	15
„	20.	3	„	20.	60	„	15.	152	„	11.	5	„	4.	43	„	7.	40			
„	23.	1	„	21.	55	„	17.	7	„	13.	28	„	5.	18	„	8.	57			
„	24.	1	„	22.	4	„	18.	3	„	14.	15	„	6.	99	„	10.	11			
„	25.	25	„	23.	42	„	20.	17	„	15.	3	„	9.	1	„	12.	2			

Vom Februar und November wurden keine elektrischen Erscheinungen gemeldet. Für die übrigen Monate ergeben sich nachstehende Summen: Januar 2, März 14, April 296, Mai 643, Juni 556, Juli 542, August 557, September 279, Oktober 4, November 15.

Aus dem uns von der Direktion der Schweizerischen Hagelversicherungsgesellschaft gütigst übermittelten Verzeichnis der Hagelschläge, sowie aus den Notizen einzelner Beobachter ergibt sich, nach Kantonen geordnet, folgende Tabelle für die Anzahl der an den einzelnen Tagen betroffenen Gemeinden:

	April		Mai						Juni					Juli		August					September			Total
Kantone	*14.*	*29.*	*7.*	*17.*	*18.*	*21.*	*23.*	*26.*	*15.*	*20.*	*23.*	*26.*	*29.*	*9.*	*10.*	*4.*	*6.*	*10.*	*23.*	*30.*	*6.*	*8.*	*11.*	
Aargau	.	.	2	.	.	.	.	.	.	6	.	.	1	.	.	3	.	1	.	3	.	2	.	18
Appenzell	.	4	.	.	.	1	2	.	.	.	6	.	.	.	.	.	1	.	.	.	.	.	.	14
Basel	.	.	1	.	.	.	.	.	.	.	3	.	4	4	.	.	1	.	.	.	.	.	2	15
Bern	.	.	18	1	17	8	4	3	2	.	.	.	14	.	.	.	15	.	4	.	3	.	2	91
Freiburg	.	.	4	.	.	15	.	.	6	.	.	.	.	.	.	.	4	.	.	1	.	.	.	30
St. Gallen	.	.	.	.	.	1	1	.	.	.	2	.	1	.	.	.	5	2	5	.	.	.	.	17
Genf	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12	.	.	.	.	.	.	1	.	13
Glarus	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	2
Graubünden	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Luzern	.	.	2	.	3	.	6	.	1	1	2	9	3	.	.	5	.	1	.	10	8	5	.	56
Neuenburg	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	3
Schaffhausen	1	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	3
Schwyz	.	.	.	.	1	1	.	.	.	.	3	5	.	.	.	.	1	.	1	2	.	.	.	14
Solothurn	.	.	8	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	1	.	.	1	12
Tessin	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—
Thurgau	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17	.	.	.	1	.	.	20
Unterwalden	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1
Uri	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—
Waadt	2	.	.	1	3	1	1	.	.	.	.	.	.	.	.	4	2	.	.	.	3	5	.	22
Wallis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—
Zürich	2	.	.	.	.	.	.	1	.	5	2	.	.	.	.	11	.	2	.	1	.	.	.	24
Zug	.	.	.	1	.	.	.	.	1	4	2	.	.	.	.	.	.	.	.	.	.	.	.	8
Total	8	4	35	4	24	27	14	5	11	16	24	14	23	5	12	23	47	6	10	18	15	14	5	364

Die Zahl der Tage mit erheblichem Hagelschlage beträgt 23, die Summe der betroffenen Gemeinden 364, welche sich auf 177 Bezirke*) verteilen. Ganz vereinzelt traten Hagelfälle auf an folgenden Daten: Juni 4., in 3 Gemeinden des Kantons Appenzell; September 13., in 3 Gemeinden des Kantons Solothurn; April 10., in zwei Gemeinden des Kantons Aargau und einer des Kantons Thurgau; ebenso in 2 Gemeinden der Kantone Luzern (15. April und 29. August), Basel (11. Mai), Zürich (2. Juli) und Unterwalden (24. August), ferner in je einer Gemeinde der nachstehenden Kantone: Appenzell (5. April), Thurgau (25. April), Basel (27. April), Tessin (9. Mai), Aargau, Basel u. Thurgau (12. Mai), Graubünden u. Tessin (19. Mai), Bern (20. Mai), Zug (24. Juni), St. Gallen (29. Juni), Bern (17. Juli), Thurgau u. Zürich (27. Juli), St. Gallen u. Schwyz (13. August), Waadt (5. September).

Beschreibung der Gewitter- und Hagelschläge.

In der tabellarischen Zusammenstellung sind die an jedem nennenswerten Gewittertage aufgetretenen elektrischen Erscheinungen in gedrängter Kürze angeführt. Aus Kolonne 3 ersieht man den auf Meer reduzierten Barometerstand, aus Kolonne 4 die mittlere, abgesehen von den Bergstationen, auf die Höhe des schweizerischen Mittellandes (ca. 500 m ü. M.) reduzierte Temperatur im Gewittergebiet. Beide meteorologischen Elemente beziehen sich auf den dem Gewitterausbruch nächst vorangegangenen oder ganz unmittelbar folgenden Beobachtungstermin ($7^1/_2{}^h$, $13^1/_2{}^h$, $21^1/_2{}^h$ M.-E. Z.). Für die Zeitangaben wurde die Stundenzählung 0–24 angewendet, also 6^h = 6 Uhr morgens, 18^h = 6 Uhr abends und, wie bisher, 0^h = Mitternacht, 12^h = Mittag. Der in Kolonne 8 notierte Weg des Gewitters in Kilometer pro Stunde ergibt sich nicht aus Kolonne 5, sondern aus den Zeitangaben bei den Isobronten der kartographischen Darstellung. Kolonne 9 stellt

*) Die Zahl der Gemeinden und Bezirke ist hier nicht absolut zu nehmen, sondern als diejenige Summe, welche erhalten wird, indem man für jeden Hagelschlag die betroffenen Gemeinden, resp. Bezirke in Rechnung zieht, so dass also ein und dieselbe Gemeinde, resp. ein und derselbe Bezirk, mehrmals darin figurieren kann.

durch die bekannten Symbole (● = Regen, ✳ = Schnee, △ = Graupeln oder Riesel, nur vereinzelte oder sehr kleine Hagelkörner, ▲ = Hagel) die Art der Niederschläge und eventuell durch beigefügten Index deren Intensität dar. In der Rubrik „Betroffene Gegend und weitere Bemerkungen" steht das Zeichen ⇘ für Gewitter, das Zeichen ⇘ für Blitzschlag. Dem die geographische Angabe der Zugsrichtung abschliessenden Doppelpunkt folgen meistens einzelne direkt vom Gewitter betroffene Beobachtungsstationen, nicht selten wurden aber auch nur die Grenzpunkte der Gewitterzone angegeben. Bei kleineren Zügen sind, von den Stationen derselben durch Semikolon getrennt, noch einzelne nicht direkt vom Gewitter betroffene Orte angeführt, von welchen aus ebenfalls elektrische Erscheinungen beobachtet wurden; bei ausgedehnteren Gewittergebieten wurden diese letztern in den „Ergänzungen" (vide folgendes Alinea) nachgeholt. Die im Texte teils in Klammern, teils sonst beigefügten, mit dem Masszeichen $^{m}/_{m}$ versehenen Zahlen geben, sofern nichts weiteres bemerkt ist, den Tagesbetrag des Niederschlags auf der betreffenden Station an. (Leider wird nur von sehr wenigen Beobachtern der während eines Gewitters gefallene Niederschlag gemessen). s bedeutet Tagessumme, ein Datum in Bruchform angesetzt, z. B. 13./14., die Zeit von einem Tage ($7^1/_2{}^h$) zum folgenden ($7^1/_2{}^h$), also hier: vom 13. auf den 14.

Zur Vervollständigung des Gewitterbildes einzelner Tage dienen die Ergänzungen (S. 13—15), in deren erstem, in der tabellar. Uebersicht durch * angekündigtem Teil „a" spezielle Notizen einzelner Berichterstatter über die Witterungsvorgänge, bei grösseren Gewitterzügen wohl auch die durch Stationen bezeichneten Grenzlinien und die aus der Ferne wahrgenommenen elektrischen Erscheinungen angeführt sind, während im zweiten, in der tabellarischen Uebersicht durch † angedeuteten Teil „b", mit Ausnahme der schon erwähnten ganz vereinzelten Fälle, die Hagelschläge festgelegt wurden. Hier sind die hagelbeschädigten Gemeinden, soweit möglich, nach ihrer topographischen Lage in der Richtung des betreffenden Zuges geordnet, wobei die in Klammern stehenden Kantonsnamen für alle vorangegangenen Orte gelten.

In den Nachträgen (S. 15—18) fanden ausser den lokalen Gewittern und den nur sporadischen elektrischen Erscheinungen auch diejenigen Züge Aufnahme, welche unserm Landesgebiete fern blieben oder dasselbe nur streiften, deren Blitze und Donner aber auf einzelnen unserer Grenzstationen wahrgenommen wurden.

Auf Seite 18 u. 19 sind, nach den üblichen Kategorien geordnet, die Blitzschläge angeführt, eventuell auch kurz beschrieben.

Die der Kürze halber ohne nähere Bezeichnung gebliebenen Stationsnamen Augst, Camedo, Champ-Fahy, Crana, Davos, Gingins, Gsteig, Hallau, Iberg, Kilchberg, Klöntal, Küsnacht, Küssnach, Langnau, Marbach, Münster, Muri, Nisellas, Oberkirch, Pfäffikon, Rathausen, Rickenbach, Sta Maria, Schatzalp, Splügen, Varen, Vorderthal, Waldhalde, Wald, Wasen, Wil-R., Wil, Zollikon können in folgender Weise präzisiert werden: Basel-Augst, Camedo, Grenzstation im Centovalli (Tessin), Orphelinat de Champ-Fahy s. Neuveville, Crana-Torricella (Trinkwasserversorgung von Lugano), Davos-Platz, Gingins s. Chéserex (Nyon), Gsteig b. Saanen, Unterhallau, Oberiberg, Kilchberg (Baselland), Schleusen des Löntschwerkes am Klöntalersee, Küsnacht (Kt. Zürich), Küssnach (Kt. Schwyz), Langnau (Kt. Bern), Marbach (Kt. Luzern), Münster (Kt. Luzern), Muri (Aargau), Nisellas-Alvaschein b. Tiefen-Castel, Hof Oberkirch b. Kaltbrunn, Pfäffikon (Kt. Zürich), Waisenhaus Rathausen b. Luzern, Rickenbach b. Schwyz, Sta Maria im Münstertal (Graubünden), Schatzalp b. Davos-Platz, Splügen (Dorf), Varen-Leuk, Vorderwäggithal, Waldhalde, Elekrizitätswerk an der Sihl b. Schönenberg (Kt. Zürich), Zürcher Sanatorium auf Hittenberg b. Wald, Wasen im Emmental, Wil-Rafz (Kt. Zürich), Wil (Kt. St. Gallen), Schweiz. Anstalt für Epileptische b. Zollikon (Kt. Zürich).

Errata.

Jahrgang 1917.

Seite 7, Juni, Zeile 12 von unten, das Datum: 16. undeutlich.
„ 7, Juni 18., litt. b, anstatt EN, zu setzen: NE.
„ 15, August 26., litt. b, anstatt (Braggio [45.5), zu setzen (Braggio [45.5],
„ 12, Juli 31., litt. a u. b. sowie litt. c u. d, am Ende der Zeile zu setzen: T III, 2.
„ 16, Sept. 12., litt. b, „ „ „ „ „ „ : T IV, 6.

Jahrgang 1918.

Seite 11, Juni 23., litt. a, Zeitkolonne, anstatt 018–2^h, zu setzen: 18–20^h.
„ 14, Mai 7., litt. b, Zeile 1, anstatt ziemlich, zu setzen: ziemlich
„ 14, Juli 10., litt. b, Zeile 2, anstatt $19^{36\ 45}$. „ „ : 19^{36}–19^{45}
„ 16, Lokale Gewitter. April 20., Mezzana, anstatt (▲), zu setzen (▲²)
„ 16, „ „ Mai 26., anstatt Altstätten u. St. Gallen Donner),
zu setzen: (Altstätten u. St. Gallen Donner).

Tabellarische Zusammenstellung der Gewitterzüge und Hagelschläge.

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
März	25	.	760	16	15^{20}–15^{30}	W	E	.	.	●	K-Zug von der Berra zur Scheibe: La Valsainte, Boltigen. * [1])
April	5	a	761	13	16^{20}–19^{h}	NW	SE	42	24	●▲	Vom Nollen K gegen den Hohen Kasten ziehend: Wil, Flawil, Degersheim, Appenzell ▲ (s = 29.5 m/m), Oberriet; Blitz u. Donner: Schwäbrig, Teufen; Donner: Winterthur, Ebnat, St. Gallen, Altstätten. *
		b	761	14	18–18^{45}	W	E	.	.	●	K vom Kohlfirst zum Seerücken: Diessenhofen, Steckborn; Donner: Hallau, Wil-Rafz, Haidenhaus.
»	7	.	758	12	20–21^{55}	NNE	SSW	.	.	●	Aus dem mittlern Glattal K zum Etzel: Uster, Grüningen, Sihlwald, Waldhalde; Blitz u. Donner: Einsiedeln; Donner: Fehraltorf, Zollikon.
»	10	a	750	12	15^{30}–16^{45}	S	N	38	30	●▲	K-Zug von der Hochalp zum untern Bodensee: Urnäsch, Bischofszell, Kreuzlingen; Donner: Säntis, Ebnat, Aadorf, Lohn. * † [1])
		b	755	8	18–22^{h}	S	N	.	.	●	Vom Rigi K zum Albis und Zürichberg ziehend: Weggis, Küssnach, Walchwil, Sihlwald, Küsnacht: Donner: Sarnen, Luzern, Lachen; Blitze: Hinwil.
	14	a	749	18	14^{15}–16^{15}	N	S	.	.	●	Andeutung eines K-Zuges vom Unterlauf der Thur ins mittlere Töss- und obere Glattal: Andelfingen, Winterthur, Fehraltorf. **T** I, 1. [2])
		b	749	19	$15^{1}/_{2}$–18^{15}	NE	SW	60	30	●▲	Vom Ueberlingersee K gegen das Hügelland zwischen Lägern und Rhein: Haidenhaus, Lohn, Diessenhofen (heftig), Wil-R. ⊲ [1]). * †. **T** I, 1.
		c	748	17	16–18^{h}	ESE	WNW	30	40	●	Aus dem Gebiet der Limmat- und Reussmündung K gegen das untere Wiesental ziehend: Bötzberg, Laufenburg, Wintersingen (im NE nach NW vorbei), Möhlin, Rheinfelden; Blitz u. Donner: Kölliken, Aarau (6 km im N); Böttstein; Donner: Langenbruck, Pfeffingen. **T** I, 1.
		d	748	17	16^{20}–17^{50}	SW	NE	.	.	●	K am Osthang der Dôle und des Mont Tendre: Gingins, Longirod; Donner: Genf, Lausanne, Clarens. **T** I, 1.
		e	749	12	22–23^{30}	SW	NE	65	52	●△▲	Von der Dt de Vaulion aus K zwischen Broye u. Doubs nordostwärts ziehend; Grenze im W: Baulmes, La Brévine, La Ferrière, im E: Corcelles s. Chavornay, Payerne, Aarberg; Donner: Freiburg △, Bern; Blitze: Genf, Bellelay. * †. **T** I, 1.
»	15	.	753	13	15–18^{h}	NE	SW	90	45	●△⁰▲	Vom Gäbris u. Alpstein K-Zug gegen den Pilatus: Appenzell, Ebnat, Einsiedeln, Rigi △, Luzern; Donner: Altstätten; Blitz u. Donner: Schwäbrig △⁰, Mettmenstetten, * †. **T** I, 1.
»	25	a b c	764 763 763	15 14 14	15^{15}–16^{h} 15^{15}–16^{h} 16–17^{h}	NW SW W	SE NE E	. . .	. . .	● ● ●▲	Drei kleine K, a, auf dem Pfannenstiel (Forch; Donner: Zürich, Uster), b, zwischen Schauenberg u. unterem Bodan (Eschlikon, Thundorf, Kreuzlingen) und c, auf dem Seerücken (Steckborn, Haidenhaus ▲², Kreuzlingen; Donner: Lohn, Aadorf).
		d	763	15	16^{45}–18^{h}	SW	NE	45	45	●	K von der Langeten zur Lägern ziehend: St. Urban, Zofingen, Kölliken, Baden: Donner: Langenbruck, Allerheiligen, Eptingen.
»	27	a	762	16	15–17^{h}	WSW	ENE	45	60	●▲	Aus dem Birs- und untern Sornegebiet K gegen den Hauenstein ziehend; Grenze im N: Delémont, Reigoldswil ▲, Kilchberg, im S: Moutier, Herbetswil, Olten. *
		b	762	17	15^{30}–17^{45}	SW	NE	.	.	●	Aus dem Sundgau K ins Wiesental ziehend: Binningen, Basel (15^{30}–17^{26} ca. 25mal Donner, 16^{55}–19^{15} Regen = 14.0 m/m); Donner: Augst.
»	29	.	758	16	15–18^{10}	SE	N / NW	60	48	●▲	Vom Nordwesthang des Hochwang K, teils zum Zürichsee, teils ins appenzellisch-st. gallische Hügelland: Plantahof, Sargans, Walenstadt, dann Zweig I: Wesen, Rapperswil, Etzel, Zweig II: Säntis, Degersheim, Hundwil ⊲, Herisau ⊲, Appenzell ⊲, Heiden. * †
Mai	7	a d	752 750	13 23	11^{45}–12^{30} 16–17^{h}	E W	W E	.	.	●	Zwei kleine K, a, vom Mt Moron zum Doubs (Bellelay ⊲, Saignelégier; Donner: La Chaux-de-Fonds) und d, im Napfgebiet (Wasen, Luthern). **T** I, 2.
		b	750	17	12^{45}–16^{h}	SW	NE	90	30	●▲²	Von der Berra K über das Emmenthaler Hügelland ins Suhrgebiet ziehend; Grenze im NW: La Roche, Herzogenbuchsee, Zofingen, im SE: La Valsainte, Langnau, Triengen; Donner: Bellelay, Liestal, Kilchberg. * †. **T** I, 2.
		c	751	16	14^{30}–16^{30}	WSW	ENE	55	55	●▲²	K-Zug vom Mt Moron gegen Hauenstein, Gislifluh und Kestenberg; Grenze im N: Courfaivre, Delémont, Grellingen, Seewen, Kilchberg, im S: Chaluet, Feldbrunnen, St. Urban, Olten. * †. **T** I, 2.
		e	750	20	16–18^{h}	SW	NE	.	.	●▲	Aus dem Leimental und vom Blauen Berg K ins Wiesental ziehend: Pfeffingen ▲, Therwil, Basel (16–16^{50} bei W_2 u. W_3 ca. 15mal Donner, im Zenith 16^{45}); Donner: Wintersingen, Rheinfelden, †. **T** I, 2.
		f g i	750 750 751	17 20 22	17–18^{h} 17–18^{h} 20^{30}–21^{30}	SW ENE SW	NE WSW NE	. . .	. . .	● ●▲ ●	Drei kleine Züge, f, vom Murtnersee ins Grosse Moos (Murten, Aarberg: Donner: Freiburg), g, zwischen Aare- und Ergolzmündung (Laufenburg, Wittnau, Möhlin; Donner: Böttstein) und i, zwischen Pilatus u. Zugerberg (Horw, Weggis, Rigi, Walchwil, Zug; Blitze: Sarnen, Bachtel, Teufen). **T** I, 2.

[1]) Ein * verweist auf die Ergänzungen a (weitere Bemerkungen), ein † auf die Ergänzungen b (Hagelverzeichnis), ein ⊲ auf das Verzeichnis der Blitzschläge. – [2]) Ein **T** mit nachfolgender römischer u. arabischer Ziffer bezieht sich auf Tafel u. Kärtchen der graphischen Darstellung.

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⌇ oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai	7	h	750	20	$18-21^{h}$	WNW	ESE	70	35	●	Aus dem Reiath u. Höhgau ⌇-Zug über den Unter- u. Ueberlingersee ins bayrische Bodenseegebiet: Radolfzell, Steckborn, Kreuzlingen (nahe im N vorbei), Friedrichshafen, Lindau; Blitz u. Donner: Hallau, St. Gallen; Blitze: Lohn, Altstätten; Donner: Schaffhausen. **T** I, 2.
»	9	.	757	16	$20^{45}-21^{30}$	NE	SW	.	.	●	Kleines ⌇ im Appenzeller Vorderland: Heiden, Schwäbrig; Donner: Altstätten; Wetterleuchten: Lohn, Seewis. **T** I, 2.
»	11	a c f	759 759 758	11 20 20	$12^{30}-13^{05}$ $16-17^{15}$ $20-22^{h}$	SW	NE	.	.	●	Drei kleine ⌇, a, im Neuenburger Doubsgebiet (Les Brenets, La Chaux-de-Fonds), c, im obern Wiggergebiet (Luthern, Willisau; Donner: Sarnen, Weggis) und f, vom Moléson ins obere Sensegebiet (Marsens, La Valsainte, La Roche; Donner: Clarens, Freiburg). **T** I, 3.
		b	758	20	$13-16^{25}$	SW	NE	84	28	●▲	⌇-Zug von den Franches-Montagnes zum Schwarzwald; Grenze im NW: Mormont, Bonfol, badischer Blauen, im SE: Bellelay, Moutier, Herbetswil (27.8 m/m), Langenbruck, Barmelweid, Frick. * †. **T** I, 3.
		d	757	21	$19-21^{50}$	SW	NE	40	20	●	Vom mittlern Thurgebiet ⌇ zum Bodensee ziehend; Grenze im N: Lichtensteig, Wil, Bischofszell ⌄, Romanshorn, im S: Peterzell, Appenzell, Heiden. * †. **T** I, 3.
		e	758	20	$19^{30}-21^{h}$	SW	NE	39	52	●	Von der Dt de Vaulion ⌇ ins Val-de-Ruz: Montcherand, Yverdon, Boudry, La Brévine, Valangin; Donner: Lausanne, Romainmôtier. **T** I, 3.
»	12	a	760	14	$17-19^{1}/_{2}$	WSW	ENE	95	38	●▲	Vom Passwang her ⌇ gegen den untern Bodan ziehend; Grenze im S: Allerheiligen, Aarau (6 km im N vorbei), Baden, Winterthur, Altnau, im N: Lampenberg, Wintersingen, Laufenburg, Diessenhofen, Steckborn, Kreuzlingen. * †. **T** I, 4.
		b	760	14	$17^{30}-18^{50}$	SW	NE	.	.	●	Kleines ⌇ vom Hohenklingen u. Seerücken über den Ueberlingersee ziehend: Stein, Kreuzlingen. **T** I, 5.
»	17	a c	762 762	23 23	$15-16^{h}$ $15^{30}-16^{30}$	NE N	SW S	. 15	. 30	●	Zwei kleine ⌇, a, im obern Travers-Tal (St. Sulpice, Ste Croix; Donner: Neuchâtel, Montcherand) und c, von den Mythen zum Frohnalpstock u. ins untere Schächental (Rickenbach. Altdorf; Donner: Isenthal, Glarus).
		b	762	22	$15^{20}-17^{30}$	WSW	ENE	33	22	●	Von den Rochers-de-Naye ⌇ gegen Spielgerten u. Albristhorn: Château-d'Oex, Lauenen (38.2 m/m), Zweisimmen (23.8 m/m); Donner: Lausanne, La Roche, Adelboden.
		d	762	23	$16-19^{h}$	NE	SW	25	10	●	⌇-Zug von Franches-Montagnes und Chasseral über das Neuenburger Bergland; Grenze im SE: Chaumont, Neuchâtel, La Brévine ⌄, im NW: La Ferrière, Les Brenets. *
		e f	762 763	24 22	$17-18^{h}$ $20-21^{h}$	NW NE	SE SW	. .	. .	●▲ ●	Zwei kleine ⌇, e, zwischen Lorze u. Sihl (Waldhalde, Menzingen ▲, Iberg; Donner: Hinwil, Einsiedeln, Weggis) und f, vom Misox zum Rivieratal (Grono, Bellinzona).
»	18	a	763	23	$13-16^{45}$	E	W	50	20	●▲	Vom Albristhorn ⌇ zum Leman ziehend: Zweisimmen, Château-d'Oex, Clarens; Donner: Adelboden, Freiburg, Lausanne, Hérémence. * †. **T** I, 6.
		b	763	24	$13^{10}-14^{40}$	E	W	30	40	●▲	⌇-Zug vom Feuerstein u. Brienzer Rothorn ins Gürbetal; Grenze im S: Brienz, Beatenberg, Heiligenschwendi (32.4 m/m), Thun, Wattenwil, im N: Marbach, Grosshöchstetten. †. **T** I, 6.
		c d	763 763	23 23	$14-15^{h}$ $15-18^{h}$	E NE	W SW	.	.	●	Zwei kleine ⌇, c, zwischen Bielersee u. Doubs (Champ-Fahy, La Chaux-de-Fonds [14^{21-30} 5mal Donner]; Donner: St. Urban, Bellelay, Neuchâtel) und d, vom Mt d'Amin gegen das Val-de-Travers (Cernier, Valangin, Les Ponts, Boudry; Donner: Payerne). **T** I, 6.
		e f	763 763	23 24	$15-16^{15}$ $16-17^{h}$	ENE E	WSW W	27 .	54 .	●	Zwei kleine ⌇, e, von der obern Sense zur obern Glâne (Plaffeyen, La Roche, Marsens, Romont; Donner: Freiburg) und f, vom Lindenberg über den Hallwilersee (Muri, Reinach, Beinwil; Donner: Kölliken, Lampenberg). **T** I, 6.
		g	763	24	$16^{1}/_{2}-17^{1}/_{2}{}^{h}$	SE	NW	.	.	●▲	Andeutung eines ⌇-Zuges vom Schimberg über die Napfkette: Schüpfheim, Wasen. † **T** I, 6.
		h k	763 763	23 23	$17-18^{h}$ $18-18^{30}$	SE NE	NW SW	.	.	●	Zwei kleine ⌇, h, von der Jungfraugruppe gegen Stockhorn und Blume (Lauterbrunnen, Beatenberg, Kienthal [im N vorbei], Thun) und k, am Ceresio (Lugano, Ponte Tresa; Donner: Crana). **T** I, 6.
		i	763	24	$17-19^{h}$	SE	NW	30	30	●	Vom Piz Segnes und Hausstock ⌇ gegen Roggenstock u. Stockfluh ziehend: Elm, Linthal, Bisisthal, Iberg; Blitz u. Donner: Ebnat. **T** I, 6.
		l	763	22	$18-21^{3}/_{4}$	N NE	S SW	60	24	●	Aus dem Lugnez ⌇-Zug über den Bernhardin zum obern Verbano: Vals, Bernhardin, Braggio, Bellinzona, Locarno; Donner: Crana, Lugano. **T** I, 6.
		m n	763 763	23 22	$19-10^{30}$ $19-20^{1}/_{2}$	SE NE	NW SW	.	.	●	Zwei kleine ⌇, m, vom Jaunpass zur Berra (Jaun, La Roche; Donner: Freiburg) und n, von der Frutt gegen die Faulhornkette (Frutt, Meiringen; Blitz u. Donner: Sarnen, Lungern). **T** I, 6.
»	19	a	765	24	$16-18^{h}$	E	W	40	40	●	Von den Lichtensteiner Bergen ⌇ gegen Hirzli u. Glärnisch ziehend: Sevelen, Walenstadt, Wesen; Donner: Altstätten, St. Gallen, Appenzell, Säntis, Uster. **T** I, 2.
		b	766	24	$17-19^{h}$	NE	SW	30	60	●	Vom Mythen u. Drusberg ⌇-Zug gegen Pilatus u. Stanserhorn: Rickenbach, Weggis, Isenthal, Buchsteg; Blitz u. Donner: Walchwil; Donner: Sarnen, Lungern. **T** I, 2.

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Mai	19	c	765	22	19^{20}–22^{h}	NE	SW	30	30	●▲	Aus Calancatal u. Misox ⚡ z. Ghiridone: Braggio, Bellinzona, Locarno. * †. **T** I, 2.
»	20	a e	766 767	23 24	17^{15}–18^{h} 17^{50}–20^{h}	W SW	E NE	.	.	●	Zwei kleine ⚡, a, vom Gäbris z. Rhein (Schwäbrig, Altstätten; Donner: St. Gallen, Appenzell) und e, vom Rossberg zum Speer (Einsiedeln, Euthal, Vorderthal, Oberkirch; Blitz u. Donner: Iberg: Donner: Uster, Hinwil). **T** II, 2.
		b	766	24	17^{20}–19^{h}	N	S	40	40	●	Aus dem Blegnotal ⚡ ins Livinen- u. Rivieratal ziehend: Comprovasco, Biasca, Braggio, Grono, Bellinzona; Blitz u. Donner: Locarno; Donner: Bernhardin, Crana. **T** I, 1.
		c g	766 766	24 22	17^{40}–18^{30} $18^{1}/_{2}$–$19^{1}/_{2}$ h	W	E	.	.	●	Zwei kleine ⚡, c, vom Klausenpass zum Kärpfstock (Urnerboden, Linthal; Blitz u. Donner: Rigi; Donner: Platta) und g, von der Giebelegg zur Blume (Uetendorf ⚡, Thun; Donner; Lungern). **T** II, 2 und I, 1.
		d f	766 766	22 24	17^{15}–19^{h} 18–19^{h}	SW NW	NE SE	30 .	20 .	$●^{2}$ $▲^{2}$ ●	Kleiner ⚡-Zug, d, von den Rochers-de-Naye zur Spielgertengruppe (Château-d'Oex, Jaun [23.1 m/m], Zweisimmen [▲ mit grossem Schaden, heftiger ⚡-Regen, s = 43.5 m/m]; Blitz u. Donner: Freiburg, La Roche: Donner: Clarens) und ⚡, f, im Puschlav, (Cavaglia, Le Prese, Brusio). **T** I, 1.
»	21	a b	766 766	25 24	14^{45}–15^{15} 15–$16^{1}/_{2}$ h	W SW	E EE	.	.	●	Zwei kleine ⚡, a, vom Allmann u. Pfannenstiel zur Speerkette (Hinwil, Rapperswil, Oberkirch; Donner: Iberg) und b, aus der Franche-Comté ins Sornegebiet (Saignelégier: Donner aus W über NW nach NE: La Ferrière u. La Chaux-de-Fonds). **T** I, 4.
		c	766	24	15^{30}–17^{h}	NW	SE	25	25	●▲	Aus dem Gebiet der obern Broye ⚡-Zug in das Gebirge zwischen Saane u. Jaunbach: Romont, Palézieux, Marsens, La Valsainte, Château-d'Oex: Donner: Lausanne, Clarens, Freiburg. †. **T** I, 4.
		d f	766 766	24 24	$15^{1}/_{2}$–$16^{1}/_{2}$ h 18–19^{h}	SW W	NE E	. .	. .	● ●▲	Zwei kleine ⚡, d, zwischen Rigi und Zugerberg (Rigi-Kulm, Walchwil; Donner: Weggis, Einsiedeln) und f, zwischen Murtnersee u. Saane (Murten, Dicki, Wünnewil). †. **T** I, 4.
		e	767	24	17–$18^{1}/_{2}$ h	WSW	ENE	50	50	●▲	Von Gibloux u. Berra ⚡ gegen Buchholterberg u. Sigriswilergrat ziehend; Grenze im S: Jaun, Beatenberg, im N: Freiburg, Eggiwil; Blitz u. Donner: Kienthal, Bern. †. **T** I, 4.
		g	766	17	21–23^{h}	E	W	30	38	●▲	Aus dem Vorarlberg ⚡ ins Appenzeller u. St. Galler Hügelland ziehend; Grenze im S: Haag, Wildhaus, Starkenbach, im N: Altstätten, Teufen, Degersheim; Blitz u. Donner: St. Gallen (im S nach W); Donner: Aadorf. * †. **T** I, 4.
»	23	a	767	24	12–14^{h}	W	E	.	.	●	Aus der Franche-Comté ⚡ zum Mt Moron: Saignelégier, Bellelay; Donner: La Ferrière („sur le Doubs"), La Chaux-de-Fonds, Chaumont, Champ-Fahy, Mormont. **T** I, 5.
		b	767	25	15^{30}–18^{h}	SW	NE	72	48	●▲	Von Blume u. Buchholterberg ⚡ zur Rigikette ziehend; Grenze in N: Diessbach, Napf, Rigi, im S: Thun, Sarnen, Vitznau; Donner: Münster, Muri. * †. **T** I, 5.
		c	767	25	15^{45}–17^{h}	SW	NE	39	52	●▲	⚡ zwischen Hirzli u. Kamor; Grenze im S: Obstalden, Walenstadt, Haag, im N: Wesen, Ebnat, Herisau, Gäbris; Blitz u. Donner: Teufen, St. Gallen; Donner: Altstätten. * †. **T** I, 5.
		d	766	25	18–20^{h}	SW	NE	74	37	●	Andeutung eines Zuges vom Hohen Ronen zur Rheinmündung: Waldhalde, Bachtel, Peterzell, Teufen, Heiden. **T** I, 5.
»	26	a	763	13	10–13^{20}	NW	SE	.	.	●▲	Aus dem untern Wutachgebiet ⚡-Zug gegen den Irchel: Hallau, Kaiserstuhl, Wil-R., Rheinau ⚡, Hochfelden; Donner: Schleitheim, Zurzach. * †. **T** II, 1.
		b e	763 763	14 14	11^{20}–12^{30} 13–14^{h}	W	E	.	.	●	Zwei kleine ⚡, b, vom Hauenstein zum untern Reussgebiet (Kilchberg, Aarau, Kölliken; Donner: Böttstein) und e, vom Homberg ins untere Suhrgebiet ziehend (Olten, Kölliken). **T** II, 1.
		c	763	13	11^{45}–$13^{1}/_{2}$ h	NW	SE S	30	20	●	⚡ vom Randen ins Gebiet zwischen Töss u. Murg: Grenze im W: Schaffhausen, Kollbrunn, im E: Lohn, Diessenhofen, Aadorf; Donner: Schleitheim, Fehraltorf. **T** II, 1.
		d	763	13	11^{45}–14^{h}	NW	SE	.	.	●	Vom Hönggerberg ⚡ gegen den Lindenberg ziehend: Zürich („ca. 10mal Donner im NW über W nach SW"), Zollikon, Mettmenstetten; Donner: Sihlwald. **T** II, 1.
		f	762	19	13^{10}–14^{h}	W	E	24	32	●	⚡ zwischen dem Blauen Berg u. der Schafmatt: Seewen, Waldenburg, Lampenberg, Bennwil, Böckten, Eptingen, Kilchberg; Donner: Basel, Wintersingen, Langenbruck. **T** II, 1.
		g h k	762 761 763	14 19 19	12^{30}–14^{h} 14–16^{h} 17–18^{h}	E E NW	W W SE	. . .	. . .	● ●▲ ●	Drei kleine ⚡, g, von der Kreuzegg zum Albis (Wald, Männedorf, Thalwil: Donner: Hinwil, Uster, Zürich, Einsiedeln), h, zwischen Thunersee, sowie Stockhorn einerseits und Zulgbach anderseits (Beatenberg, Thun, Wattenwil; Donner: Freiburg) † und k, vom Rigi zum Pilatus (Rigikulm, Weggis, Buchsteg; Donner: Rickenbach, Luzern. **T** II, 1.
		i	762	17	14^{35}–16^{10}	ENE	WSW	32	32	●	⚡-Zug vom Chasseral in den südwestlichen Neuenburger Jura: Cernier, Neuchâtel, Les Ponts, La Brévine, St. Sulpice; Blitz u. Donner: Champ-Fahy; Donner: La Chaux-de-Fonds, Payerne. **T** II, 1.
		l	760	18	$21^{1}/_{2}$–$23^{1}/_{2}$ h	NE	SW	.	.	●	Von der Mesolcinamündung ⚡ zum Ceresio ziehend: Bellinzona, Crana, Lugano; Wetterleuchten u. Blitze: St. Gotthard, Braggio, Locarno. **T** II, 1.

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Juni	4	.	763	12	$12-12^{3}/_{4}{}^{h}$	E	W	.	.	● ▲	⚡ am Nordfuss des Säntis: Appenzell, Urnäsch; Donner: Altstätten, St. Gallen, Thundorf. †. **T** I, 6.
»	7	.	767	20	$16^{50}-17^{50}$	SW	NE	.	.	●	⚡ aus dem Ergolzgebiet zum Schwarzwald ziehend: Arisdorf, Möhlin; Donner: Pfeffingen, Basel (ca. 10mal im E–NE), Reigoldswil, Wintersingen, Liestal. **T** II, 2.
»	10	a b	763 760	20 19	$5-6^{h}$ $15^{30}-16^{h}$	W N	E S	.	.	●	Zwei kleine ⚡, a, aus der Franche-Comté in die Franches-Montagnes (La Ferrière; Donnerrollen: La Chaux-de-Fonds) und b, vom Scopi ins Blegnotal (Olivone; Donner: Platta). **T** II, 2.
		c	759	22	$16-18^{h}$	W	E	32	16	●	Vom Ghiridone ⚡-Zug gegen den Camoghè: Brissago, Locarno, Crana, Carena; Donner: Lugano. **T** II, 2.
»	11	.	760	15	$19-22^{1}/_{2}{}^{h}$	NE	SW	162	50	●	Vom Randen u. aus dem Schwarzwald Zug heftiger ⚡ über den Jura u. die Aareebene gegen den obern Doubs; Grenze im NW: Höchenschwand (Baden), badischer Blauen, Porrentruy, franz. Doubsgebiet, im SE: Hallau, Kaiserstuhl, Herzogenbuchsee, Murten, Couvet. Muhen (Aarau) ⚡. *. **T** II, 6.
»	15	a	759	17	$9^{50}-13^{50}$	W	E	140	35	●	⚡-Zug vom Blauen Berg und Raimeux zum Bodensee; Grenze im N: Therwil, rechtsseitiges Rheingelände, Hallau, Lohn, Friedrichshafen, im S: Mervelier, Zofingen, Zürich, Uster, Arbon. *. **T** II, 3.
		b	759	15	$11-12^{h}$	W	E	39	52	● ▲	Von der Dt-de-Vaulion ⚡-Zug gegen die Berra: Yverdon, Moudon, Payerne (im S vorbei), La Valsainte; Donner: Clarens. †. **T** II, 3.
		c	759	15	$11-12^{h}$	W	E	39	52	● ▲	Aus dem Neuenburger Jura ⚡ zum Frienisberg; Grenze im S: Boudry, Wallenried, Könitz, im N: Cernier, Lyss; Donner: Biel, Freiburg. †. **T** II, 3.
		d i l	759 758 758	15 18 18	$11^{3}/_{4}-12^{1}/_{2}{}^{h}$ $14^{45}-16^{h}$ $16^{1}/_{2}-18^{1}/_{2}{}^{h}$	SW NW SW	NE SE NE	. 30 24	. 60 16	● ● ● ▲°	Ein kleines ⚡ zwischen Stockhorn u. Blume (Thun, Heiligenschwendi) **T** II, 3, sowie zwei kurze Züge, i, vom Neuenburgersee z. Nordhang der Berra (Boudry, Payerne, Freiburg ⚡; Donner: Lausanne, Clarens, Montcherand) und l, aus dem Quellgebiet der Hallwiller Aa zum Uto (Hitzkirch, Muri, Hünenberg ▲, Mettmenstetten, Thalwil, Zürich). * †. **T** II, 4.
		e	759	15	$12-14^{h}$	SW	NE	80	40	●	⚡-Zug von der Emmemündung zum Irchel u. Randen; Grenze im NW: Weissenstein, Langenbruck, Wilchingen, im SE: Herzogenbuchsee, Triengen, Bremgarten, Niederhasli. Kölliken ⚡. *. **T** II, 4.
		f	758	17	$13-15^{h}$	WSW	ENE	50	25	● ▲	Vom Pilatus ⚡ zu den Wäggitaler Bergen ziehend: Buchsteg, Luzern, Küssnach, Stans, Meierskappel ▲, Walchwil, Rickenbach, Iberg; Donner: Sarnen, Isenthal, Einsiedeln, Glarus. **T** II, 3.
		g	758	17	$13^{1}/_{2}-15^{h}$	WSW	ENE	70	56	● ▲	Vom Vully her ⚡ in das Quellgebiet der Wigger; Nordgrenze: Erlach, Aarberg, Willisau, Südrand: Avenches, Langnau, Entlebuch; Donner: Valangin, Bellelay. †. **T** II, 4.
		h	758	18	$13^{40}-15^{45}$	W	E	60	48	●	Aus dem Lorze- u. mittleren Sihlgebiet ⚡ nach dem Alpstein ziehend; Grenze im N: Albishorn, Bachtel, Appenzell, im S: Waldhalde, Einsiedeln, Starkenbach. Bachtel u. Oberkirch ⚡. **T** II, 4.
		k	758	19	$15^{50}-19^{45}$	SW	NE	124	31	●	Vom Unterlauf der Sense ⚡-Zug gegen den Randen; Grenze im NW: Frauenkappelen, Langenbruck, Schleitheim, Lohn, im SE: Belp, Luthern, Bremgarten, Andelfingen, Diessenhofen. *. **T** II, 3.
»	20	a	761	13	$12-13^{1}/_{2}{}^{h}$	NW	SE	60	48	● ▲	Von der Schafmatt ⚡ zum Gubel u. Pfannenstiel: Barmelweid, Bremgarten, Muri Zug, Uster, Küsnacht, Männedorf, Waldhalde; naher Donner: Zürich. Auenstein ⚡. †. **T** II, 2.
		b	761	14	$16^{1}/_{2}-17^{1}/_{2}{}^{h}$	NW	SE	39	52	●	Andeutung eines ⚡-Zuges vom Reiath zum untern Bodensee: Lohn, Stein, Steckborn, Kreuzlingen. **T** II, 2.
»	23	a	765	12	$15^{15}-16^{h}$	WNW	ESE	39	52	● ▲	Andeutung eines ⚡-Zuges zwischen Pfannenstiel und Churfirten: Uetikon, Hinwil (15^{27-29} ▲), Bachtel, Oberkirch, Wesen. †. **T** II, 5.
		b f	764 764	12 14	$15^{35}-15^{50}$ $17-7^{1}/_{2}{}^{h}$	W W	E E	. .	. .	● ● △	Zwei kleine ⚡, b, am Unter- und Ueberlingersee (Steckborn, Kreuzlingen) und f, vom Passwang zum Hauenstein (Reigoldswil △, Lampenberg, Diegten; Donner: Therwil △, Pfeffingen △, Langenbruck). **T** II, 5.
		c	764	13	$15^{40}-16^{30}$	SW	NE	.	.	● ▲	⚡ von der Urnäsch z. Rhein ziehend: Waldstatt, Appenzell, Altstätten. †. **T** II, 5.
		d	765	12	$16-16^{30}$	W	E	.	.	● ▲	Aus dem obern Sihltal ⚡ ins untere Linthtal: Euthal, Vorderthal, Glarus; Donner: Einsiedeln ▲°. †. **T** II, 5.
		e	764	15	$16^{45}-18^{h}$	NW	SE	45	45	● ▲	Vom Zugerberg ⚡ über Rophaien u. Schächentaler Windgälle zum Kärpfstock ziehend; Grenze im NE: Menzingen, Einsiedeln, Iberg, Linthal, im SW: Cham, Walchwil, Brunnen, Altdorf, Klausenpass. †. **T** II, 5.
»	26	a c	762 761	13 19	$1-3^{h}$ $13^{3}/_{4}-14^{1}/_{2}{}^{h}$	S SW	N NE	.	.	●	Zwei kleine ⚡, a, im Sensegebiet (Plaffeien, Schwarzenburg; Donner: Freiburg [von S im E nach N], Romont) und c, vom Stockhorn gegen den Buchholterberg (Thun; Donner: Heiligenschwendi, Beatenberg). **T** II, 6.
		b	761	13	$11^{45}-13^{h}$	W	E	57	46	●	⚡-Zug vom Bachtel über den Alpstein ins Rheintal: Bachtel, Ebnat, Oberriet; Donner: Hinwil, St. Gallen, Teufen, Altstätten. **T** II, 6.

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Juni	26	d h	762 762	19 17	$14-14^1/_2{}^h$ $16^1/_2-17^h$	N W	S E	. .	. .	●△▲ ●	Zwei kleine ⚡, d, v. Stanserhorn z. Titlis (Stans, Engelberg; Donner: Weggis [13^{45}–15^{25} erst ▲, dann grosser △ u. Regen], Altdorf) und h, von der Lorzemündung zum Pfannenstiel (Mettmenstetten, Thalwil; Donner: Zürich, Sihlwald, Hinwil). **T** II, 6.
		e	762	19	$14^1/_2-16^{10}$	SW	NE	.	.	●▲	Vom Rigi ⚡ ins untere Linthgebiet: Gersau, Rickenbach, Iberg, Vorderthal, Glarus; Blitz u. Donner: Lachen; Donner: Zürich. †. **T** II, 6.
		f	761	20	$14^{15}-16^{20}$	SW	NE	27	54	●▲	⚡ vom Gurten ins westl. Napfgebiet ziehend: Bern (▲ wie kleine Erbsen), Burgdorf, Affoltern i. E. **T** II, 6.
		g	762	17	$16-16^1/_2{}^h$	NE	SW	.	.	●▲	Vom Zugersee ⚡ ins Quellgebiet der Suhr u. gegen die Emmemündung: Küssnach, Luzern, Neuenkirch. †. **T** II, 6.
»	27	a	762	14	$2-5^{15}$	W	E	100	40	●	⚡-Zug aus dem Hügelland zwischen unterer Suhr u. Hallwiler Aa zum Alpstein: Kölliken, Muri, Mettmenstetten, Zug, Thalwil, Lachen, Hinwil, Ebnat, Säntis ⚡; Blitz u. Donner: Sarnen; Donner: Einsiedeln, Hallau. **T** I, 3.
		b	761	16	zw. 4 u. 5^h	SW	NE	.	.	●	Kleines ⚡ zwischen Verbano und Ceresio: Luino, Ponte Tresa (48.2 m/m), Lugano (ca. 5^h = 45.0 m/m); Donner: Crana, Bellinzona. **T** I, 3.
		c	761	15	$5-7^1/_2{}^h$	SW	NE	50	40	●	Von der Mt Tendre-Kette ⚡ zum Chasseron und ins untere Broyegebiet ziehend: Cossonay, Vallorbe, Baulmes, Yverdon, Payerne; Donner: Lausanne. **T** III, 1.
		d	761	13	$5^1/_4-6^3/_4{}^h$	W	E	45	45	●	⚡-Zug in breiter Front aus der Franche-Comté gegen den Frienisberg; Grenze im N: Saignelégier, Bellelay, Büren a. A., im S: St. Sulpice, Boudry, Murten, Oltigen. **T** III, 1.
		e	760	11	$6-9^h$	SW	NE	80	64	●	Vom Moléson ⚡ zum Napf ziehend: Marsens, La Valsainte, La Roche, Bern, Grosshöchstetten, Affoltern i. E., Wasen, Langnau; Donner: Freiburg. **T** III, 1.
		f	760	11	$6^{15}-9^{15}$	W	E	84	42	●	Aus dem Pruntrut ⚡ zum Lindenberg: Delémont, dann Grenze im N: Pfeffingen, Aarau, Muri, im S: Solothurn, Herzogenbuchsee, Sursee, Hochdorf; Donner: Basel, Wintersingen. Kölliken ⚡. **T** III, 1.
		g	760	11	$7-9^h$	SW	NE	70	40	●	Vom Napf u. Schimberg ⚡ gegen den Bachtel u. Allmann; Grenze im NW: Romoos, Cham, Sihlwald, Bauma, im SE: Pilatus, Rickenbach, Lachen, Wald. *. **T** III, 1.
»	29	a	764	15	$2-3^h$	W	E	48	48	●	Vom Mt Gibloux ⚡ zur Blume ziehend: Marsens, La Valsainte, Thun, Heiligenschwendi. **T** III, 2.
		b	764	14	$2-4^1/_2{}^h$	WNW	ESE	140	70	●	Vom Chasseral ⚡-Zug gegen Tödi, Kärpfstock und Mürtschenstock: Biel, dann Grenze im N: Herzogenbuchsee, Sursee, Euthal, Glarus, im S: Aarberg, Langnau, Lungern, Lungenstutz, Linthal; Donner: Langenbruck, St. Gallen; Blitze: Wintersingen. **T** III, 2.
		c	764	16	$3-4^1/_2{}^h$	NW	SE	57	38	●	⚡-Zug vom Schwarzwald zum untern Bodan: Schleitheim, Lohn, Steckborn, Kreuzlingen: Blitz u. Donner: Hallau; Donner: Schaffhausen. **T** III, 2.
		d g	764 764	12 10	$5-5^1/_2{}^h$ $9^{30}-10^{35}$	SW W	NE E	. .	. .	● ●▲	Zwei kleine ⚡, d, vom Albis zum Allmann (Horgen, Zollikon, Dübendorf, Fehraltorf; Donner: Zürich [4^{58}–5^{04} viermal im S u. SE], Winterthur) und g, zwischen Ergolz- u. Aaremündung (Arisdorf, Möhlin, Laufenburg; Donner: Wintersingen, Wittnau. †). **T** III, 2.
		e	764	13	$5^1/_2-6^1/_2{}^h$	N	S	43	43	●	Aus dem untern Wutachgebiet ⚡-Zug gegen den Lindenberg: Zurzach, Böttstein, Baden, Schöfflisdorf, Niederhasli, Muri; Blitz u. Donner: Hochfelden; Donner: Wil-R., Zürich. **T** III, 2.
		f	765	12	$9^1/_2-12^1/_2{}^h$	W	E	81	27	●▲	⚡-Zug aus dem Gebiet zwischen Murten- u. Bielersee gegen Schimberg u. Pilatus: Grenze im N: Champ-Fahy, Lyss, Walterswil, Willisau, Malters, im S: Murten, Belp, Eggiwil, Flühli; Donner: Luzern, Sarnen. †. **T** III, 2.
		h	765	10	$10^{10}-11^h$	SW	NE	.	.	●	Von der Balsthaler Klus u. der Langetenmündung ⚡ gegen die untere Suhr ziehend: Allerheiligen, St. Urban, Olten, Zofingen, Kulm; Blitz u. Donner: Aarau („ohne Regen"); Donner: Lampenberg, Wilchingen. **T** III, 2.
		i	764	17	$11-16^h$	SW	NE	90	20	●▲	Aus dem Val-de-Travers ⚡ in den Solothurner Jura; Grenze im W u. NW: La Brévine, Saignelégier, Delémont, Reigoldswil, im SE: Boudry, Biel, Balsthal. †. **T** III, 2.
		k	764	18	$16-17^h$	NNE	SSW	42	56	●	Vom Bielersee u. Grossen Moos ⚡ ins Broyegebiet u. z. Mt Gibloux ziehend: Champ-Fahy, Chaumont, Aarberg, Murten, Payerne, Romont; Donner: Freiburg. **T** III, 2.
Juli	2	.	763	20	$16-18^3/_4{}^h$	NNW	SSE	50	25	●▲	⚡-Zug aus dem untern Wutachtal gegen Rigi, Rossberg u. Mythen: Kaiserstuhl, dann Grenze im W: Baden, Mettmenstetten, Walchwil, im E: Niederhasli, Dübendorf, Einsiedeln; Donner: Hallau, Schaffhausen, Winterthur. †
»	3	.	765	14	$11^{30}-12^{40}$	SW	NE	40	40	●	Vom Zugersee ⚡ zur Kreuzegg ziehend: Walchwil (41.5 m/m), Waldhalde, Bachtel ⚡, Oberkirch; Donner: Hinwil, Einsiedeln.
»	5	.	760	26	$16^3/_4-18^1/_2{}^h$	NW	SE	36	24	●	Aus dem Maggiagebiet ⚡ gegen den Ceresio ziehend: Grenze im SW: Camedo Ponte Tresa, im NE: Someo, Bellinzona, Carena, Crana ⚡.
»	9	a	759	20	0^h-2^{15}	SW	NE	80	40	●▲	⚡-Zug aus den Franches-Montagnes in den Basler u. Aargauer Jura: Mt Soleil, Bellelay ⚡, Grenze im NW: Delémont, Wintersingen, im SE: Herbetswil, Kilchberg. *†

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⚡ oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juli	9	b	759	21	1^{40}–3^{15}	WSW	ENE	99	33	●	Aus dem Leimental ⚡ der Südabdachung des Schwarzwald entlang zum Höhgau: Therwil, Basel ⚡, Rheinfelden, Möhlin, Höchenschwand, Hallau, Schleitheim, Wilchingen, Lohn; Blitz u. Donner: Hochfelden, Schaffhausen; Donner: Langenbruck, Winterthur.
		c	760	18	3–4^{h}	WSW	ENE	25	50	●	⚡ zwischen Zugersee und Ricken: Zug, Walchwil, Aegeri, Waldhalde, Oberkirch; Blitz u. Donner: Zürich, Einsiedeln, Uster, Hinwil; Donner: Luzern, Rickenbach, Fehraltorf.
		d	763	21	$4^{1}/_{4}$–$7^{3}/_{4}{}^{h}$	W	E	40	16	●	Vom Ghiridone ⚡ zum Joriopass: Brissago, Locarno (46.0 m/m), Bellinzona, Carena; Donner: Crana, Braggio.
		e f	759 758	22 21	14–$15^{1}/_{2}{}^{h}$ 16–17^{h}	W N	E S	42 .	42 .	●	Zwei kleine Züge, e, von der Napfkette zum Pilatus (Wasen, Entlebuch, Buchsteg; Donner: Grosshöchstetten, Aarau, Weggis, Zürich) und f, vom Engstlingental zum Wildstrubel und zur Gemmi (Frutigen, Adelboden, Leukerbad; Donner: Kienthal).
		g	759	24	16–$18^{1}/_{2}{}^{h}$	W	E	48	32	●	Vom Lindenberg ⚡ gegen den Ricken ziehend: Muri, Mettmenstetten, Waldhalde, Männedorf, Hinwil, Oberkirch; Blitz u. Donner: Winterthur, Sternenberg, Uster; Donner: Zürich, Fehraltorf.
		h i	759 759	23 22	$10^{1}/_{4}$–$17^{1}/_{2}{}^{h}$ $10^{1}/_{4}$–$17^{3}/_{4}{}^{h}$	E N	W S	24 .	48 .	●	Zwei kleine ⚡, h, vom Kamor zur Kreuzegg (Appenzell, Urnäsch, Lichtensteig; Donner: Rorschach, St. Gallen) und i, zwischen Stanserhorn u. Brünig (Sarnen, Lungern).
»	10	a	761	21	17–18^{h}	SW	NE	27	36	● ▲[2]	Von der Perte-du-Rhône ⚡ zum Leman ziehend: Athenaz, Genf („tonnerre à l'W à 17^{10}, ⚡ et forte chute de ▲ à 17^{25}"), Corsier. †. **T** III, 3.
		b	761	17	19–$20^{1}/_{2}{}^{h}$	SW	NE	.	.	●	⚡-Zug aus dem Leimen- ins Wiesental: Rödersdorf, Therwil, Basel, Schopfheim; Donner: Liestal, Wintersingen, Rheinfelden. *. **T** III, 3.
		c	761	19	19–21^{15}	SW	NE	40	20	●	⚡ vom Weissenstein zum Kestenberg: Herbetswil, Langenbruck, Bennwil, Olten, Aarau („zahlreiche, mässig starke elektr. Entladungen"); Donner: Herzogenbuchsee, St. Urban, Liestal. **T** III, 3.
		d	761	19	$19^{1}/_{4}$–$19^{3}/_{4}{}^{h}$	SW	NE	.	.	●	Kleines ⚡ im Grossen Moos: Murten, Aarberg; Blitz u. Donner: Bern, Biel. **T** III, 3.
		e	761	20	$19^{1}/_{4}$–21^{h}	SW	NE	50	40	●	Vom Mt Tendre ⚡ ins untere Broyetal ziehend: Cossonay, Vallorbe, Montcherand, Yverdon, Payerne; Donner: La Brévine. **T** III, 3.
		f	761	18	$20^{1}/_{4}$–0^{h}	WSW	ENE	70	56	●	⚡-Zug vom östlichen Leman gegen die Jungfraugruppe: Les Avants, Château-d'Oex, dann Grenze im N: La Valsainte. Wimmis, Lauterbrunnen, im S: Lausanne, Gemmi, Trachsellauenen. *. **T** III, 3.
»	13	a	764	20	19–$21^{1}/_{2}{}^{h}$	W	E	75	33	●	Andeutung eines ⚡-Zuges aus d. Haslital ins Lugnez: Meiringen, Gadmen, Guttannen, Göschenen, Platta, Vals; Blitz u. Donner: Frutt 19^{48}; Donner: Altdorf. **T** III, 3.
		b	764	16	20–$22^{1}/_{2}{}^{h}$	W	E	100	40	●	Vom Glärnisch u. Tödi ⚡ ins Unterengadin ziehend; Grenze im N: Schwanden (Glarus), Seewis, Val Sinestra, im S: Thierfehd (Linthal), Ilanz, Andeer, Latsch, Scarl. **T** III, 3.
»	14	a	763	19	12–13^{30}	E	W	.	.	●	Kleines ⚡ im Gebiet der Tessinmündung: Bellinzona, Locarno; Donner: Lugano. **T** III, 4.
		b	764	16	14–15^{h}	SW	NE	24	32	●	⚡ im Appenzellerland: Urnäsch, Appenzell, Teufen, Schwäbrig, Heiden; Donner: Säntis, St. Gallen, Altstätten. **T** III, 3.
»	15	.	764	26	18–19^{h}	SW	NE	.	.	●	Kleines ⚡ vom Weissenstein zur Nordabdachung des Hauenstein: Herbetswil, Diegten; Donner: Kölliken. **T** IV, 2.
»	17	a b	759 759	31 32	$14^{1}/_{2}$–15^{h} 21–22^{h}	SW	NE	.	.	●	Zwei kleine ⚡, a, aus dem Scheultetal zum Passwang (Mervelier, Waldenburg) und b, vom Blauen Berg zur Ergolzmündung (Pfeffingen, Therwil, Augst, Rheinfelden, Arisdorf; Donner: Reigoldswil).
»	18	a	760	23	1^{30}–2^{30}	W	E	39	52	●	Aus dem Val-de-Ruz ⚡ ins Gebiet des Aarekanals ziehend: Valangin, Champ-Fahy, Biel, Aarberg, Büren; Blitz u. Donner: Langnau, La Chaux-de-Fonds; Donner: Bern, Freiburg. **T** III, 4.
		b c	758 758	26 26	2–3^{h} $5^{3}/_{4}$–$6^{1}/_{4}{}^{h}$	SW	NE	.	.	●	Zwei kleine ⚡, b, vom Passwang zum Rhein (Lampenberg, Diegten, Wintersingen, Möhlin; Blitze: Zürich; Donner: Langenbruck) und c, von der Gempenfluh zur Wehra- u. Sisselnmündung (Liestal, Wintersingen, Möhlin). **T** III, 4.
		d	763	21	9^{45}–12^{h}	SW	NE	50	40	●	Von der Schafmatt ⚡-Zug gegen den Randen: Aarau, Zurzach, Hallau, Schleitheim; Blitz u. Donner: Rheinau; Donner: Niederhasli, Schaffhausen. **T** III, 4.
		e	763	27	11^{05}–14^{15}	WSW	ENE	85	38	●	Aus dem untern Lorzegebiet ⚡ zum obern Bodensee ziehend; Grenze im NW: Mettmenstetten, Hinwil, Degersheim, St. Gallen ⚡, Rorschach, im SE: Zug, Lachen, Ebnat, Appenzell, Heiden. *. **T** III, 4.
		f	763	25	13–16^{h}	W	E	120	30	●	⚡-Zug von der Jungfraugruppe ins Oberhalbstein: Eigergletscher, Oberwald, Andermatt, Gotthard, Platta, Vals, Andeer, Savognin; Donner: Lauterbrunnen, Bernhardin. **T** III, 4.
		g h	762 763	22 27	14–$15^{1}/_{2}{}^{h}$ 15–17^{h}	NE W	SW E	.	.	●	Zwei kleine ⚡, g, im Oberengadin (Bevers [7 mal Donner], St. Moritz, Pontresina) und h, zwischen Passwang und Hauenstein (Reigoldswil, Barmelweid; Blitz und Donner: Wintersingen; Donner: Pfeffingen). **T** III, 4.

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Juli	18	i	762	26	$17-18^{h}$	NW	SE	39	52	●	Vom Hirzli ⚡ zu den Grauen Hörnern und dem Calanda ziehend: Wesen, Walenstadt, Weisstannen, Vättis. **T** III, 4.
		k l	763 762	26 25	$18-19^{26}$ $19-20^{1}/_{2}{}^{h}$	W S	E N	.	.	●	Zwei kleine ⚡, k. vom Schauenberg u. Sonnenberg zum obern Bodan (Affeltrangen, Eschlikon, Sulgen, Bischofszell ⚡, Arbon) und l, aus dem Bisistal zum Etzel ziehend (Bisisthal, Iberg, Einsiedeln, Biberbrück, Samstagern; Donner: Sihlwald, Zollikon, Wädenswil). *. **T** III, 4.
»	20	a	760	24	$20-0^{h}$	W	SE E	133	38	●	Aus dem obern Broyegebiet ⚡ in die Urner Alpen ziehend; Grenze im N: Romont, Heiligenschwendi, Lungern, Frutt (22^{49} Blitz u. Donner nur eine Sekunde Intervall). Altdorf, im S: Palézieux, Gsteig b. S., Furka, Andermatt; Donner: Freiburg, starkes Wetterleuchten: Visp. **T** III, 5.
		b	761	24	$20^{15}-23^{h}$	N	S	50	25	●	⚡ vom Livinental zum Luganer- und Langensee: Biasca, Bellinzona (31.4 m/m), M^te Generoso (28.1 m/m), Locarno; Donner: Braggio, Crana. **T** III, 5.
		c d	760 761	23 20	$20^{3}/_{4}-22^{10}$	SW	NE	45	45	●	Ein kleiner ⚡-Zug, c, zwischen Emmen- u. Suhrmündung (Solothurn, Olten, Aarau: Blitz u. Donner: Bern, Wasen, St. Urban; Blitze: Basel [20 km im SE nach E], Mettmenstetten) u. ein mehr lokales ⚡, d, im Oberengadin (Sils-Maria, St. Moritz, Pontresina; Donner: Bevers; Wetterleuchten: Arosa). **T** III, 5.
		e	760	23	$22-23^{30}$	W	E	60	60	●	Vom Rigi ⚡ in die Glarner u. St. Galler Alpen ziehend; Grenze im N: Walchwil, Oberkirch (⚡ ohne Regen), Walenstadt, im S: Vitznau, Secken (Linthal) $21^{1}/_{2}-22^{3}/_{4}{}^{h}$, Segnespass. *. **T** III, 5.
»	22	.	758	21	$20^{40}-23^{30}$	N	S	55	22	●	⚡ aus dem Blegnotal ins Ceresiogebiet ziehend: Comprovasco, Biasca, Braggio, Bellinzona, Lugano, Ponte Tresa; Wetterleuchten aus S: St. Gallen, Secken (Linthal), Arosa, Splügen. **T** III, 3.
»	25	.	760	29	$20-21^{h}$	W	E	.	.	●	Kleines ⚡ am Luganersee: Ponte Tresa, M^te Generoso: Blitz u. Donner: Locarno, Crana: Wetterleuchten: Sion, Braggio.
»	26	a b	758 757	23 20	$13^{1}/_{2}-15^{1}/_{2}{}^{h}$ $21-23^{h}$	S S	S	39 25	26 25	●	Zwei kleine Züge, a, vom mittleren Ceresio ins Livinen- und Calancatal (Lugano, Braggio, Biasca) und b, vom untern Ceresio zum Rivieratal (Ponte Tresa, M^te Generoso, M^te Brè, Crana, Bellinzona: Wetterleuchten: Gotthard). **T** III, 2.
»	27	a	758	18	$14-15^{h}$	W	E	27	36	●	⚡, teils vom Nollen, teils vom Seerücken her, zum Bodensee: Kreuzlingen, Sulgen, Bischofszell, Arbon; Blitz u. Donner: St. Gallen; Donner: Teufen. **T** III, 1.
		b	759	15	$16-17^{30}$	WSW	ENE	60	48	● ▲	Zug leichter ⚡ von der Lägern zum Seerücken: Boppelsen, dann Grenze im N: Eglisau, Andelfingen, Steckborn, im S: Kollbrunn, Affeltrangen, Kreuzlingen; Donner: Dietikon (⚡-Regen), Uster. †. **T** III, 1.
Aug.	2	a b	761 760	23 19	$18-19^{1}/_{2}{}^{h}$ $22-23^{1}/_{2}{}^{h}$	SW SW—S	NE N	. 35	. 35	●	Zwei kleine ⚡, a, am Ceresio (Ponte Tresa, Lugano; Donner: Crana, Braggio) und b, vom obern Langensee zum Livinental (Locarno, Bellinzona, Biasca; Donner: Platta).
»	3	a	759	16	$9-12^{h}$	N	S	39	16	●²	Aus dem Calanca und Misox ⚡ langsam zum Ceresio ziehend: Braggio, Bellinzona (65.1 m/m), Lugano, Ponte Tresa (97.0 m/m), M^te Generoso.
		b	759	14	$10^{3}/_{4}-11^{1}/_{4}{}^{h}$	SW	NE	.	.	●	Kleines ⚡ von den Aroser Bergen zum Hochwang: Arosa, Langwies, Donner: Davos [10^{40}, 10^{46} u. 10^{48}].
		c	758	16	$20-0^{h}$	WSW	ENE	48	32	●	Vom östlichen Leman ⚡ ins Simmen- u. obere Engstligental ziehend: Clarens, dann Grenze im N: Bulle, La Valsainte, Boltigen, im S: Gsteig b. S., Adelboden; Blitz u. Donner; Champ-Fahy, La Roche; Blitze: Marsens, Freiburg.
»	4	a	759	17	$1-4^{h}$	SW	NE	39	26	●²	⚡ vom obern Langen- zum Comersee u. ins Calanca ziehend: Luino, Ponte Tresa, M^te Generoso, Crana (100.7 m/m), Bellinzona ⚡, Braggio (49.3 m/m). **T** III, 6.
		b c	760 760	15 16	$12-13^{1}/_{2}{}^{h}$ $13-14^{h}$	SW W	NE E	. .	. .	● ▲ ●	Zwei kleine ⚡, b, am südwestl. Neuenburgersee (Yverdon; Donner: La Chaux-de-Fonds †) und c, von der Nordabdachung von Passwang u. Hauenstein bis zum Homberg u. zur Gislifluh (Lampenberg, Aarau [„Sturzregen mit Blitzerscheinungen"]; Donner: Liestal, Augst). **T** III, 6.
		d	760	17	$13^{20}-15^{h}$	SW	NE	90	52	● ▲²	Aus dem Quellgebiet der Suhr ⚡-Zug gegen den Bodensee; Grenze im NW: Triengen, Bremgarten, Winterthur, Thundorf, Sulgen, im SE: Sempach, Walchwil, Rapperswil, Bachtel, Bischofszell. †. **T** III, 6.
		e f	760 760	17 16	$15-16^{h}$ $18-19^{h}$	W	E	.	.	●	Zwei kleine ⚡, e, im Gebiet der Suhrmündung (Aarau, Lenzburg) und f, vom Oberelsass ins Wiesental (Basel [„$18-18^{30}$ ca. 5mal Donner. Regen $17^{45}-18^{05}$ und $18^{15}-19^{10}$"]; Donner: Pfeffingen, Lampenberg). **T** III, 6.
»	5	.	762	19	$13-15^{h}$	W	E	88	44	●	Vom Passwang her ⚡ in schmaler Front gegen Schauenberg u. Nollen ziehend: Waldenburg, Diegten, Kilchberg, Aarau, Baden, Schöfflisdorf, Hochfelden, Winterthur, Aadorf; Donner: Langenbruck, Liestal, Wintersingen, St. Urban, Zurzach, Hallau, Rheinau; Blitze: Einsiedeln.
»	6	a	758	21	$14^{20}-15^{h}$	SW	NE	40	80	●	Vom Hauenstein ⚡ rasch ins Wutachtal ziehend: Kilchberg, Bötzberg, Böttstein, Zurzach. **T** IV, 1.

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Aug. 6	b g	759 759	21 20	$15\ 16^{20}$ $17\ 17^{15}$	SW NE	NE SW	. .	●▲ ●	Zwei kleine ⟨, b, an der Rheinmündung (Lutzenberg, St. Margrethen; Donner: Säntis, Altstätten †) und g, vom Sustenhorn ins Oberhasli (Guttannen: Donner: Engelberg, Gadmen). T IV, 1.
	c	759	20	15^{15}–16^{h}	SW	NE	30	●▲	⟨-Zug vom Schauenberg z. untern Bodensee: Aadorf, dann Grenze im NW: Niederneunforn, Kreuzlingen, im SE: Eschlikon, Romanshorn; Donner: Lohn, Wilchingen. * †. T IV, 1.
	d	758	21	15^{30}–18^{h}	W	E	30	18	●▲ Vom Passwang ⟨ ins Mündungsgebiet der Hallwiler Aa ziehend: Reigoldswil, Diegten, Kilchberg, Aarau, Lenzburg; Donner: Langenbruck, Böttstein. †. T IV, 1.
	e	759	20	$15^{3}/_{4}$–16^{h}	SW	NE	75	25	●▲⁰ ⟨-Zug vom Surenenpass gegen die Illmündung: Altdorf, dann Grenze im NW: Muotathal ▲, Glarus, Haag, im SE: Klausenpass, Elm, Sargans, Sevelen. *. T IV, 1.
	f	759	20	16–17^{h}	NE	SW	40	80	● Vom Urirothstock ⟨ zur Jungfraugruppe ziehend: Engelberg (50.5 m/m), Meiringen, Eigergletscher. T IV, 1.
	h	760	22	17–$19^{1}/_{2}{}^{h}$	SW	NE	78	39	● ⟨ über den Genfersee und ins Quellgebiet der Saane ziehend: Genf, Clarens, Château-d'Oex; Donner: Lausanne, La Roche. T IV, 1.
	i	759	21	18^{15}–22^{30}	WNW	{ENE E}	140	35	● Aus dem Quellgebiet der Simmen ⟨-Zug ins Domleschg: Lenk, Adelboden, Guttannen, Andermatt, Platta, Thusis; Blitz u. Donner: Lauterbrunnen, Meiringen, Luzern: Donner: Engelberg, Arosa, Chur. T IV, 1.
	k	759	21	18^{25}–21^{30}	WNW	ESE	55	22	● Andeutung eines ⟨-Zuges aus dem Quellgebiet der Suhr in dasjenige der Linth: Luzern, Weggis, Isenthal, Altdorf (26.2 m/m), Linthal (21.2 m/m). T IV, 1.
	l n o	758 759 759	23 13 10	$19^{1}/_{2}$—21^{h} 21^{30}—22^{30} 21^{45}—23^{h}	W N NW	E S SE	30 30 23	30 40 23	■ ● ●▲⁰ Drei kleine Züge, l, vom Onsernone- ins Rivieratal (Mosogno, Locarno, Bellinzona), n, vom Hauenstein gegen die Napfkette (Olten, Wasen, Luthern; Blitze: Wintersingen) und o, vom Mᵗ Gibloux zur Dᵗ de Brenleire (Marsens, La Valsainte, Cerniat ▲, Château-d'Oex: Donner: Freiburg, Clarens). T IV, 1.
	m	759	12	$20^{1}/_{2}$–22^{h}	NW	SE	48	48	●▲² Aus dem untern Broyegebiet u. dem Grossen Moos ⟨ in breiter Front zum Sigriswilergrat ziehend: Grenze im N u. NE: Aarberg, Krauchthal, Grosshöchstetten, Schwarzenegg, im S: Missy (Payerne), Rechthalten, Wimmis; Blitze: Beatenberg, Interlaken. †. T IV, 1.
» 10	a	767	16	14–16^{h}	NW	SE	36	24	●▲ Vom Kohlfirst u. vom südöstlichen Randen her ⟨ zu den Ausläufern der Schnebelhornkette u. zum Nollen ziehend: Rheinau, Diessenhofen, Aadorf, Wil. †. T III, 5.
	b	767	17	15–16^{h}	NW	SE	.	.	●▲ Kleines ⟨ von der Wutachmündung gegen Lägern u. Irchel: Zurzach („wenige, aber starke Schläge"), Rafz, Schöfflisdorf, Hochfelden. †. T III, 5.
» 13	a	767	21	$12^{1}/_{4}$–14^{h}	NW	SE	78	62	●▲ Vom Randen her ⟨-Zug in das Alpsteingebiet: Schaffhausen, dann Grenze im N u. NE: Diessenhofen, Kreuzlingen, Rorschach, St. Margrethen, im SW: Andelfingen, Aadorf, Peterzell, Altmann. Hochalp u. St. Gallen ⟨, Degersheim ▲. *. T IV, 2.
	b	767	21	14^{30}–16^{40}	WNW	ESE	36	24	● ⟨ vom Allmann zum Säntis: Hinwil, Sternenberg, Ebnat, Säntis; Blitz u. Donner: Uster, Wesen. T IV, 2.
	c d e	766 767 766	19 21 19	16^{30}–17^{h} 19–20^{h} 19^{35}–20^{30}	N NE SE	S SW NW	. . .	. . .	● ●▲ ● Drei kleine Züge, c, im Gebiet der untern Murg (Frauenfeld, Thundorf, Aadorf), d, vom Allmann zum Albis ziehend (Uster, Männedorf, Küsnacht; kurzer Platzregen in Zürich, ▲ in Freienbach *) und e, auf dem Bodensee (Arbon, Kreuzlingen: Blitz u. Donner: St. Gallen). T IV, 2.
» 23	a	764	30	018–2^{h}	SW	NE	78	52	●▲⁰ ⟨-Zug vom Hügelland zwischen Kiesen- u. Zulgbach zu den Mythen: Grosshöchstetten, Schangnau ▲, Escholzmatt, Entlebuch, Pilatus, Rigi, Walchwil, Rickenbach. *. T IV, 3.
	b	763	29	19–21^{h}	SW	NE	50	40	● Vom Südende des Pfannenstiel ⟨ zum Bodan ziehend; Grenze im NW: Grüningen, Wil, Altnau, im SE: Rapperswil. Peterzell, Arbon. *. T IV, 3.
	c	764	30	18^{45}–22^{h}	SW	NE	60	40	●▲ ⟨ von der Lohnerkette ins Oberhasli ziehend: Adelboden, Kienthal, Kandersteg, Lauterbrunnen, Eigergletscher, Grindelwald. * †. T IV, 3.
	d	763	32	19–21^{h}	SW	NE	42	56	● Andeutung eines ⟨-Zuges von den Dᵗˢ-du-Midi u. aus den Dransetälern ins Mittelwallis: Martigny, Bourg-St. Pierre, Hérémence, Sion, Siders, Zinal; Donner: Les Marécottes. T IV, 3.
	f	764	22	20–22^{h}	SW	NE	50	50	●▲ Von den Glarner Alpen ⟨ ins Vorarlberg ziehend; Grenze im NW: Glarus, Wesen, Krummenau, Altstätten, im SE: Elm, Plantahof. * †. T IV, 3.
	e g h	763 763 763	22 22 21	20—$21^{1}/_{2}{}^{h}$ 20^{40}—21^{30} 23—0^{h}	NW NW NW	SE SE SE	. 33 .	. 44 .	● ● ● Drei kleine ⟨, e, im Quellgebiet des Jaunbaches u. des Javroz (La Valsainte, Jaun; Blitze: Clarens, Lausanne *), g, über den Sigriswiler Grat und Thunersee zur Jungfrau (Thun, Beatenberg, Grindelwald) und h, von der Gemmi gegen das Vispertal ziehend (Leukerbad, Varen, Visp). T IV, 3.
» 24	a c g	763 763 762	23 22 25	2—$2^{3}/_{4}{}^{h}$ 3—4^{h} 15^{10}—16^{h}	WSW NW W	{ENE SE E}	.	.	● Drei kleine ⟨, a, vom Albis zum Allmann (Sihlwald, Männedorf, Uster, Bauma, Sternenberg: Blitz u. Donner: Lachen; Donner: Zürich), c, vom Schafberg zur Niesen- und Lohnerkette (Boltigen, Adelboden, Frutigen) und g, am Bachtel und Hittenberg (Hinwil; Donner: Zürich; Blitze: Einsiedeln). T IV, 4.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K. oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Aug. 24	b	763	23	2–3^{h}	NW	SE	27	36	●	Vom Lindenberg K. gegen die Mythen ziehend: Hitzkirch, Muri, Zug, Küssnach, Rickenbach. **T** IV, 4.
	d	763	24	13–14$^{3}/_{4}$^{h}	SW	NE	62	62	●▲	K. vom Thuner- zum Urnersee ziehend: Beatenberg, Interlaken, Brienz, Grindelwald, Lungern, Guttannen, Isenthal; Donner: Luzern, Weggis. †. **T** IV, 4.
	e	763	23	13$^{1}/_{4}$–14$^{1}/_{2}$^{h}	SW	NE	25	50	●	Von der D^{t} de Vaulion K. zur Areusemündung: Baulmes, Yverdon, Boudry; Blitz u. Donner: La Chaux-de-Fonds; Donner: Neuchâtel. **T** IV, 4.
	f	763	25	15^{10}–15^{30}	NW	{SE / E}	48	48	●	K.-Zug von Blume u. Stockhorn ins Oberhasli: Heiligenschwendi, Wimmis, Kienthal, Lauterbrunnen, Guttannen. **T** IV, 4.
	h	763	24	15$^{1}/_{4}$–16$^{3}/_{4}$^{h}	WSW	ENE	.	.	●	K. zwischen Napf u. Rigi: Buchsteg, Pilatus, Luzern, Rigi-Kulm; Donner: Entlebuch (K.-Regen). **T** IV, 4.
	i	762	25	15$^{1}/_{4}$–17^{h}	SW	NE	51	34	●	Vom Klausenpass K. zur Scesaplana: Linthal, dann Grenze im N: Glarus, Walenstadt, im S: Elm (26.7 m/m), Plantahof; Blitz u. Donner: Reichenau, Sevelen; Donner: Säntis. **T** IV, 4.
	k	763	21	16–17^{30}	SW	NE	75	50	●	Aus dem Quellgebiet der Orbe K. ins Grosse Moos ziehend: Le Sentier, Cossonay, Romainmôtier, Montcherand, Baulmes, Yverdon, Boudry, Murten; Blitz u. Donner: Lausanne, Donner: Freiburg, Bern. **T** IV, 4.
	l	762	25	16^{10}–17^{15}	WSW	ENE	.	.	●	K. aus dem Alpsteingebiet in das untere Vorarlberg: Appenzell, Heiden, Oberriet, Altstätten; Donner: St. Gallen, Teufen. **T** IV, 4.
	m	763	18	21–22$^{1}/_{2}$^{h}	WSW	ENE	55	44	●	Von den D^{ts}-du-Midi K. ins Mittelwallis ziehend: Les Marécottes, Savatan, Sion, Varen; Donner: Clarens, Hérémence. **T** IV, 4.
	n	763	11	21–23^{h}	SW	NE	38	38	●	Aus dem Oberelsass K. ins Wiesental ziehend: Binningen, Basel (20mal Donner), Augst, Arisdorf; Blitz u. Donner: Wintersingen; Donner: Liestal, Möhlin. **T** IV, 4.
» 25	.	764	16	4^{50}–5^{25}	W	E	.	.	●	K. vom Mt Gibloux und Moléson gegen Berra und Gastlosen ziehend: La Roche, La Valsainte, Château-d'Oex; Donner: Clarens, Freiburg. **T** III, 6.
» 29	{a / b}	{761 / 762}	{15 / 18}	{12^{30}–15^{h} / 17–18^{h}}	{N / WSW}	{S / ENE}	{35 / .}	{35 / .}	●	Zwei kleine Züge, a, aus dem Rivieratal in den Sottoceneri (Bellinzona, Lugano, Mezzana; Blitz u. Donner: Braggio) und b, vom Albristhorn zum Schilthorn (Adelboden, Kienthal, Mürren; Blitz u. Donner: Lauterbrunnen).
	c	763	20	17$^{1}/_{2}$–19^{h}	W	E	40	32	●	Leichtes K. vom Schauenberg zum Bodensee ziehend: Aadorf, Bischofszell, Arbon (22.6 m/m); Blitz u. Donner: Teufen, St. Gallen.
	{d / e}	{764 / 764}	{18 / 18}	{18$^{1}/_{4}$–19^{30} / 19$^{1}/_{2}$–21^{h}}	{NW / SW}	{SE / NE}	{30 / .}	{30 / .}	{● / ●▲}	Zwei kleine K., d, von der Lorzemündung zu den Mythen (Mettmenstetten, Walchwil, Rickenbach; Donner: Einsiedeln; Blitze: Iberg) und e, aus dem Quellgebiet der Ilfis zum Pilatus ziehend (Escholzmatt, Buchsteg; Donner: Sarnen †).
	{f / g}	{762 / 763}	{18 / 18}	{20–22^{h} / 21$^{1}/_{2}$–23^{h}}	{WSW / NW}	{ESE / SE}	.	.	●	Zwei kleine Züge, f, aus dem Quellgebiet der Saane zum Torrenthorn (Saanen, Lenk, Leukerbad) und g, von der Blume zur Jungfrau (Heiligenschwendi, Beatenberg, Lauterbrunnen).
» 30	a	765	15	2–4^{h}	WSW	ENE	50	50	●▲	Vom Napf und aus dem Quellgebiet der Ilfis K.-Zug nach den Mythen; Grenze im N: Luthern, Küssnach, Sattel, im S: Flühli, Brunnen. * †. **T** IV, 5.
	{b / d}	{765 / 764}	{14 / 13}	{3–4^{h} / 5–5$^{1}/_{2}$^{h}}	SW	NE	.	.	●▲	Zwei kleine K., b, vom Etzel zum Bachtel (Einsiedeln [35.3 m/m], Lachen, Bachtel; Donner: Hinwil) † und d, in den Freiburger Hochalpen (Château-d'Oex, Jaun, Cerniat ▲). **T** IV, 5.
	c	764	13	3–5^{h}	SW	NE	60	30	●▲	Vom Mt de Develier K. zum Bötzberg ziehend: Delémont, Pfeffingen, Mervelier, Waldenburg, Liestal, Diegten, Bötzen. †. **T** IV, 5.
Sept. 5	a	763	24	18$^{3}/_{4}$–21^{h}	SW	{NE / E}	60	30	●▲°	K.-Zug von der Dôle zum Mt Gibloux: Gingins, Longirod (20.4 m/m), Cossonay, Romainmôtier, Yverdon ▲ (20.0 m/m), Romont; Blitz u. Donner: Lausanne.
	b	763	25	19$^{3}/_{4}$–22$^{1}/_{4}$^{h}	{NW / S}	S	40	32	●	Aus dem Grossen Moos K. zur Berra und gegen die Gastlosen ziehend: Murten, Schwarzenburg, La Valsainte, Jaun; Donner: Payerne, Freiburg, Bern.
	{c / d}	{763 / 762}	{23 / 22}	{20^{30}–21^{10} / 20^{30}–21$^{1}/_{2}$^{h}}	{SW / NW}	{NE / SE}	{. / 30}	{. / 60}	●	Zwei kleine K., c, zwischen Etzel u. Bachtel (Feusisberg, Bachtel; Blitz u. Donner: Iberg, Hinwil; Blitze: Einsiedeln, Mettmenstetten) und d, im untern Wallis (Bouveret, Lavey, Martigny; Donner: Clarens [„wenige km südlich"]; Blitze: Sion).
	e	763	23	20^{50}–22^{20}	W	E	65	52	●	Von der Napfkette K. zu d. Schwyzer u. Urner Alpen ziehend: Wasen i. E., dann Grenze im N: Willisau, Walchwil, Sattel, im S: Schüpfheim, Altdorf; Blitz u. Donner: Sarnen, Engelberg. — Wahrscheinl. im Zusammenhang mit e: Lok. K. in Linthal 23^{40}.
6	a	764	15	12^{30}–14^{h}	NE	SW	30	20	●▲	Vom Neuenburgersee K. zum Mt-Tendre: Yverdon, Vallorbe, Cossonay („violent K. avec 14.8 m/m de pluie"); Donner: Clarens. †. **T** IV, 2.
	b	765	17	12^{30}–15^{30}	SW	{NE / E}	100	33	●▲	Vom Mt Gibloux K.-Zug gegen den Vierwaldstätter- u. Sempachersee: Marsens, dann Grenze im NW u. N: Aarberg, Herzogenbuchsee, Sempach, im S: Plaffeien, Eggiwil, Pilatus. †. **T** IV, 2.
	c	765	18	13–15^{h}	SW	NE	.	.	●	Kleines K. vom neuenburgisch-französischen Doubsgebiet in die Franches-Montagnes: Les Brenets, La Chaux-de-Fonds, La Ferrière. Damit zusammenhängend: Lokales K. in Valangin. *. **T** IV, 2.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegt. Weg in km	Weg in km pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Sept. 7	a	761	17	20–22^h	WNW	ESE	35	35	●	Andeutung eines ↖-Zuges aus der Franche-Comté zum Murtnersee: Les Brenets, La Chaux-de-Fonds („cinq fois roulement de tonnerre"), Neuchâtel, Chambrelien, Murten; Blitz u. Donner: Payerne; Blitze: Bern.
	b	761	17	20–23½^h	W	E	85	34	●	Aus dem Quellgebiet der Orbe ↖ in die Freiburger Hochalpen ziehend: La Cure, Le Sentier, dann Grenze im N: Vallorbe, Montcherand, La Roche, im S: Gingins, Clarens; Blitze u. Wetterleuchten: Beatenberg, Interlaken.
	c	763	17	21–22^h	W	E	.	.	●	Kleines ↖ im Sotto-Ceneri: Ponte Tresa, M^{te} Generoso; Blitz u. Donner: Lugano.
» 8	a	761	17	5–6^{15}	SW	NE	52	52	●	Aus der Vallée-de-Joux ↖ in das Neuenburger Bergland ziehend: Le Sentier, Vallorbe, Baulmes (20.7 m/m), La Brévine ↖: Blitz u. Donner: Moudon, Lausanne; Donner: Freiburg. **T** IV, 6.
	b c	759 760	15 14	6½–8^h 11–12½^h	SW NW	NE SE	. .	. .	● ●▲	Zwei kleine ↖, b, vom Passwang zum Rhein (Waldenburg, Liestal, Diegten, Arisdorf; Blitz u. Donner: Basel [„ca. 5 km im SE nach E"], Rheinfelden) und c, aus dem Val-de-Ruz zur untern Broye (Valangin, Boudry, Neuchâtel, St. Blaise ▲, Champ-Fahy, Avenches; Blitz u. Donner: Payerne). **T** IV, 6.
	d	760	20	12½–15^h	SW	NE	115	46	●▲	Von der Emmemündung ↖ zum Seerücken ziehend: Herzogenbuchsee, dann Grenze im NW: Olten, Aarau, Niederhasli, Stein, Steckborn, im SE: Münster, Zürich, Müllheim. * †. **T** IV, 6.
	e f	760 758	19 21	15–15^{45} 18–19^h	WSW W	ESE E	20 25	40 25	●▲	Zwei kleine Züge, e, aus dem Mündungsgebiet der Kleinen Emme zum Rossberg u. Zugerberg (Luzern, Küssnach, Weggis, Walchwil, Sattel; Blitze: Einsiedeln; Donner: Sarnen) † und f, aus dem Oberelsass zur Wehramündung (Basel, Rheinfelden, Möhlin; Donner: Langenbruck, Liestal, Wintersingen). *. **T** IV, 6.
» 10	.	759	13	21–0^h	W	E	.	.	●^{2}	Kleines ↖ vom Mt Gibloux zur Berra: Marsens (76.0 m/m), La Valsainte (12mal Donner, s = 68.5 m/m); Blitze: Clarens, Château-d'Oex, Freiburg (61.0 m/m).
» 13	.	764	12	12^{50}–13^{45}	W	E	.	.	●▲	Andeutung eines ↖-Zuges im Dünnern-Gebiet: Herbetswil, Balsthal; Blitz u. Donner im W: Kölliken. †
» 18	.	764	20	17–18^{30}	NW	SE	28	28	●	Vom Chasseral u. Sonnenberg ↖ zum Val-de-Travers: Courtelary, Champ-Fahy, Mont-Soleil, Chaumont, Les Ponts, Boudry; Blitz u. Donner: La Chaux-de-Fonds; Donner: Mormont, Montcherand; Blitze im SW: Hallau.
» 19	.	764	21	16–17^h	SW	NE	35	35	●	Aus der Vallée-de-Joux ↖ ins Val-de-Travers: L'Abbaye, Montcherand, Yverdon, Boudry; Blitz und Donner: Cossonay; Donner: Payerne, Lausanne; ↖-Regen: Le Sentier.
» 23	a	756	11	6–7^h	NE	SW	20	40	●	Kleines ↖ vom Neuenburger- zum Jouxsee ziehend: Yverdon, Baulmes, Vallorbe.
	b	752	13	17½–19½^h	NE	SW/S	40	32	●	Vom Kärpfstock ↖ ins Schächen- und Reusstal und gegen den Gotthard ziehend: Linthal, Altdorf, Gurtnellen, Göschenen; Blitz u. Donner: Iberg, Glarus; Donner: Rickenbach.
» 25	.	762	10	3^{40}–5^{10}	N	S	.	.	●	Kleines ↖ vom Piz Kesch zum Piz Muraigl: Bevers, Muottas-Muraigl, Pontresina; Donner: Seewis.
Dez. 19	a c	752 751	8 3	11¼–12^{10} 15^{20}–16^h	NW	SE	.	.	●	Zwei kleine ↖, a, am Rigi (Küssnach, Rigi-Kulm) und c, an der Gempenfluh (Donner: Basel 15^{49}, Mervelier 15^{30}–15^{40}, Reigoldswil, Pfeffingen).
	b	752	6	14–15½^h	NW	SE	36	24	●△^{2}	Vom Hasenberg ↖ gegen den Bachtel ziehend: Dietikon △, Zürich (14^{16}, 14^{18} u. 14^{21} Donner, 14$^{17-20}$ grosse Graupeln, Regenböe erst später [16^{10}–16^{30} = 1.2 m/m]), Zollikon (leichte Graupeln), Küsnacht, Dübendorf △. Uster △, Hinwil △. Graupeln u. Schnee in Peterzell.

Ergänzungen zu der tabellarischen Uebersicht.

a) Weitere Bemerkungen:

März 25. Donner: Jaun, La Roche, Romont, La Valsainte [„5 coups de 15^{20} à 15^{28} et après une heure encore 2 coups"]; Blitze: Marsens.

April 5. Litt. a. Appenzell (Zeitungsnotiz): „Heute abend 6 Uhr heftiges Gewitter mit Blitz, Donner und starkem Hagelschlag über Appenzell und Umgebung. Boden weiss vom Hagel". **10.** Litt. a. Zeitungsberichte. Appenzell: „Mittwoch nachmittag zog ein kräftiges Gewitter über den westl. Teil des appenzellischen Hinterlandes und die benachbarten st. gallischen Gebiete. Der etwa eine halbe Viertelstunde andauernde Hagelschlag brachte Körner bis zu Haselnussgrösse, welche die hiesige Gegend weiss überzogen". Herisau: „Von 4 Uhr nachmittags an ging, mehr als eine halbe Stunde dauernd, ein Gewitter mit kräftigen Donnerschlägen nieder. Etwa 8 Minuten fiel Hagel mit Körnern bis zu Haselnussgrösse". **14.** Litt. b. Lohn: „In Obstgärten und Gärten beträchtlicher Hagelschaden; Marthalen: Hagel haselnussgross. Blitz u. Donner: Kreuzlingen (im NW u. N), Donner: Schleitheim, Winterthur, Schöfflisdorf. Litt. e. Im obern Val-de-Ruz spaltete sich das Gewitter in einen westlichen, nach Frankreich übergehenden Zweig, dessen Ostgrenze La Ferrière, und einen östlichen, der über das Grosse Moos zog. Tagessumme des Niederschlags in m/m: Aarberg 27.5, Boudry 24.0, La Brévine 30.0, Les Brenets 32.1, Les Ponts 30.1, Chambrelien 47.0. Payerne: „La grêle blanchit le sol en aval de Payerne". **15.** Regensummen in m/m: Schwäbrig 47.0, Appenzell 41.6, Lachen 40.0, Küssnach 45.9, Luzern 41.8. **27.** Litt. a. Delémont: „Série d'orages tout autour de la vallée dès 3^h de l'après-midi jusqu'à 5^h". Blitz und Donner aus dem ↖-Gebiet:

Aarau, Pfeffingen, Liestal, Böckten; Donner: Mormont, Solothurn, St. Urban; Blitze: Saignelégier. Regensummen in mm: Langenbruck 34.0 (K-Regen = 28.0 mm), Allerheiligen 28.0 (K-Regen = 22.1). **29.** Blitz u. Donner: St. Gallen („um die Mitte des Gewitters anhaltend dröhnender Donner"), Bachtel, Hinwil, Teufen (vereinzelte Schlossen): Donner: Waldhalde, Altstätten (auf dem Stoss ▲). Säntis meldet Blitzschlag und ca. 80 Donnerschläge. Zeitungsberichte. Appenzell: „Es fielen haselnussgrosse Hagelkörner, die Fluren ganz bedeckend". Hundwil: „Sehr heftiges K über Appenzeller Hinterland und Innerrhoden; elektr. Entladungen äusserst stark; der schwer strömende Regen war mit Hagelkörnern vermischt". Herisau: „Ein par ganz gewaltige Donnerschläge und ein heftiger Platzregen, ziemlich dicht vermischt mit feinen Hagelkörnern".

Mai 7. Litt. b. Bern: „Die anfangs haselnussgrossen, später kleineren Hagelkörner richteten ziemlich viel Schaden an". Wasen: „Zeitweise Hagelsteine von fast Baumnussgrösse" 14^{25}–15^{h}. St. Urban: Hagel von 15^{15}–15^{30}. Kölliken: „Um 16^{h} herum starke Böen aus WSW". Litt. c. Balsthal: „Ausserordentlich starkes Hagelwetter". St. Urban: Hagel von 15^{50}–16^{10}. **11.** Litt. b. Basel: 14^{30}–15^{40} Temperaturfall von 21.0° auf 14.5° C. Donner: Wilchingen, Schleitheim. Litt. d. St. Gallen: „$20^{1}/_{2}$–$20^{3}/_{4}{}^{h}$ anhaltend starker Donner, Richtung Tannenberg-Bernhardzell-Häggenschwil, später wieder am Gäbris". Blitz u. Donner aus dem K-Gebiet: Ebnat; Donner: Altstätten, Haidenhaus, Weinfelden. **12.** Litt. a. Wintersingen: „Hagelkörner über 2 mm Durchmesser". Laufenburg: „In 5 Minuten 4.2 mm Regen". Blitz u. Donner aus dem K-Gebiet: Kölliken (17^{15} Blitzschlag, Richtung Fricktal), Schaffhausen, Lohn; Donner: Augst, Zürich, St. Gallen. **17.** Litt. d. La Ferrière: „Une décharge par 10 minutes (entre nuages seulement)"; Donner aus dem K-Gebiet: Bellelay, Champ-Fahy, St. Sulpice. **18.** Litt. a. Clarens: „Hagelkörner kirschsteingross, kein Schaden". **19.** Litt. c. Braggio: Blitze bis 2^{h} des 20. **21.** Litt. g. Wetterleuchten; Buus, Frauenfeld, Uster, Seewis, Davos. **23.** Litt. b. Luzern: „Nur kleine, kaum erbsengrosse Hagelkörner, welche keinen Schaden anrichteten". Litt. e. Säntis: △, K im S u. N vorbei. **26.** Litt. a. Hallau: „K tobte im untern Klettgau (Erzingen [badisch] und Trasadingen), wo ▲ und △ die Eisenbahnwagen in Weiss kleidete, es soll auch in Löhningen und Beringen, sowie im Wilchingerberg gehagelt haben".

Juni 11. Hallau: Grosse schwarze Wolken brachten Regenschauer, dann 19^{20-25} dreimal Donner im SW". Aarau: 19^{35}–20^{45} zahlreiche Donner, z. T. stark. Kölliken: „19^{50} stärkere Entladung im NE, im ganzen ca. 10 starke Entladungen, wovon 20^{05}, 20^{08} u. 20^{10} je eine im E". Basel: 20–20^{50} ca. 40mal Donner von E nach SW. Delémont: „Entre $20^{3}/_{4}{}^{h}$ et $21^{1}/_{4}{}^{h}$ éclairs et tonnerres de NE à SW toutes les minutes, avec une violence extraordinaire; les éclairs sillonnaient l'horizon du côté du levant, prenant toute la largeur de la vallée". Champ-Fahy: „Eclairs et tonnerres de 21^{15} à 21^{50}, direction NE–SW, décharges très violentes". La Ferrière: „Décharges assez fortes, une par 5 minutes, vent E_{2-3}". Neuchâtel: „Orage avec forts coups de tonnerre". Les Ponts: „Eclairs et tonnerres de 21^{40} à 22^{05}, direction de NE à SW, au zénith 21^{55}, vent E_{5}. La Brévine: K $21^{1}/_{2}$–22^{h}. Blitz u. Donner aus dem K-Gebiet: Hochfelden, Schöfflisdorf, Freiburg, Yverdon. **15.** Litt. a. Donner aus dem K-Gebiet: Pfeffingen, Schleitheim, St. Gallen („von 13^{17} an einzelne schwach hörbare Donner, 19^{30} stärker werdend"). Niederschlagssummen in mm, teilweise auch von dem nachfolgenden K herrührend: Langenbruck 40.7 (K-Regen von litt. a 21.0), Barmelweid 55.0, Wil-Rafz 26.5, Fehraltorf 29.5, Winterthur 23.2. Schaffhausen 31.6, Bischofszell 23.5. Litt. e. Blitz und Donner aus dem K-Gebiet: Uster; Donner: Mont Soleil, Schleitheim, Rheinau. Kölliken meldet: 13–13^{05} einige mittelstarke Entladungen im Zenith, 13^{16} u. 13^{20} ⟨-Schlag, vide Verzeichnis. Litt. h. Donner aus dem K-Gebiet: Herisau, Teufen, St. Gallen („etwa vom Speer, kam am Gäbris zum Stehen"). Litt. k. K-Regen in mm: Wilchingen 22.8, Hallau 27.1. Tagessummen in mm: Aarau 41.2, Wilchingen 43.1, Hallau 33.6, Diessenhofen 22.4. Litt. l. Hitzkirch: In Gelfingen kurze Zeit Hagel im Regen; Zürich: Blitz u. Donner ganz nahe im SW. **27.** Litt. g. Donner aus dem K-Gebiet: Hallau, Winterthur, Zürich („8^{15-18} dreimal, $8^{1}/_{4}$–$8^{3}/_{4}{}^{h}$ so dunkel, dass das elektr. Licht eingeschaltet werden musste").

Juli 9. Litt. a. Delémont: „Orage au zénith à 1^{15}, quelques violents coups de tonnerre, K cesse brusquement". Wintersingen: „Elektrische Entladungen zahlreich. Hagel kirschkerngross, Schaden unbedeutend". Donner aus dem K-Gebiet: Kölliken, Arisdorf, Basel (30mal, im S nach SE, $1^{1}/_{2}{}^{h}$ Blitz im S"); Blitze: Freiburg, St. Urban. **10.** Litt. b. Basel: Donner 19^{24-48}, Regen 19^{36}–20^{h}, Richtung SW nach NE, Wind N_{1}, Regen 19^{36-45} = 4.5 mm, 19^{45}–20^{h} = 0.1 mm. Litt. f. Adelboden: „K kurz und heftig", Lauterbrunnen: „Zweimal heftige Donnerschläge". Blitz u. Donner aus der K-Zone: Clarens; Donner: Marsens, La Roche, Hérémence („über Jungfrau"); Blitze: Freiburg; Zweiggewitter: Leukerbad; Blitz u. Donner: Varen. **18.** Litt. e. Blitz u. Donner aus dem K-Gebiet: Zürich, Zollikon („über dem Pfannenstiel"), Uster, Sternenberg; Donner: Luzern, Muri, Mythen (11^{40} nahe, einige Regentropfen), Säntis 10^{05} u. 13^{10}, Winterthur, Frauenfeld, Altstätten. Hinwil schreibt: „12^{05-15} 12mal Donner, stark bis mässig"; St. Gallen: „Es waren anfangs leichte Ferngewitter durch das untere Tablat (Eggersried-Wald-Heiden), dann 13^{25} erster Donner aus SW, K kam in die Nähe 13^{49}, mit Blitzschlägen 13^{49}, 13^{50} u. 13^{51}", vide Verzeichnis. Litt. l. Dieses K zeichnete sich stellenweise durch Platzregen aus, so in Bisisthal (s = 22.1 mm) und am Hohen Ronen (Biberbrück bis Samstagern). „Auf der Bahnstation Samstagern lief ca. 8^{h} abends (20^{h}) das Regenwasser aus den Abzugskanälen des Bahnwagendaches wie aus Brunnenröhren". J. M. Für den mehr lokalen Charakter zeugt, dass am untern Zürichsee gar kein Niederschlag konstatiert und nicht sehr weit vom Hohen Ronen nur kleine Tagessummen gemessen wurden, nämlich in mm: Einsiedeln 6.7, Waldhalde 4.4, Horgen 1.3. **20.** Litt. e. Blitz u. Donner: Luzern, Weggis, Hinwil; Donner: Ebnat, St. Gallen, Altstätten, Chur; Blitze: Zürich, Winterthur, Wildhaus; Wetterleuchten: Allerheiligen, Frauenfeld, Zollikon.

August 6. Litt. c. Thundorf: „Der Boden war mit haselnussgrossen Hagelsteinen bedeckt". Litt. e. Altdorf: Donner sehr häufig und meist sehr heftig. Glarus: 17–22^{h} Regen mit kurzen Unterbrechungen. St. Gallen: Donner vom Säntis her, dem 19^{10} Regentropfen folgten. Tagessummen in mm: Glarus 34.3, Obstalden 47.0, Walenstadt 43.2, Säntis 68.1, Haag 62.1. **13.** Litt. a. Donner aus dem K-Gebiet: Haag, Säntis, Wildhaus, Uster („Ausläufer eines Gewitters, das im N nach E vorbeizog"). Tagessummen des Niederschlags in mm: Degersheim 26.0, Haag 25.2. Litt. d. Uster: „Um 18^{18} u. 18^{20} fielen ziemlich zahlreiche Hagelkörner, beide Male beinahe von Kirschengrösse; 19^{21} ergiebiger Platzregen. Einige hundert Meter nördlich von Uster kein Regen". **23.** Litt. a. Blitz u. Donner aus dem K-Gebiet: Willisau, Iberg; Donner: Wasen, Engelberg, Göschenen, Isenthal; Blitze: Platta, Einsiedeln. Litt. b. Blitz u. Donner aus der K-Gegend: Zollikon („am obern Zürichsee"), Aadorf, Winterthur, Fehraltorf, Lohn, Urnäsch; Donner: Haidenhaus, Teufen, Heiden; Blitze: Kreuzlingen. Litt. c. Blitz u. Donner: Beatenberg; Blitze: La Roche, Freiburg, La Ferrière, Neuchâtel, Bern; Wetterleuchten: St. Urban. Lauterbrunnen schreibt: „Fürchterlicher Platzregen mit kirschgrossem Hagel (s = 72.2 mm); Grindelwald: „Am 23. abends ging über Grindelwald ein wolkenbruchartiges Gewitter nieder, strichweise mit furchtbarem Hagelschlag, so dass die Kulturen an einzelnen Orten gänzlich vernichtet sind". In Ergänzung hiezu meldet Dr. A. de Qu.: „K fast stationär bis 20^{h}, Hagel 18^{50}–19^{15} sehr heftig, besonders auf der Ostseite des Tales, von der Kirche bis Mühlebach, viele Körner mindestens von Baumnussgrösse". Guttannen: „Starker Hagel zwischen Grimsel und Handegg, im Räthericbsboden, oberhalb Handegg, sei der Hagel (grosse Körner) 18 cm hoch gelegen". Litt. e. La Valsainte: „Bord occidental de l'orage passant sur la station sans donner de pluie". Litt. f. Säntis: 60 elektr. Entladungen. St. Gallen: „Wolken hoch, Alpen ganz sichtbar". Ebnat: Blitz u. Donner. **30.** Litt. a. Luzern: $2^{1}/_{4}$–$3^{1}/_{2}{}^{h}$ anhaltend Blitz und Donner, Sarnen: Donner. Tagessummen des Niederschlags vom 29./30. in mm: Buchsteg 24.2, Luzern 25.5, Weggis 42.5, Rigi 42.2, Rickenbach 36.5.

September 6. Litt. c. La Chaux-de-Fonds: 13^{10}–14^{h} Donner (13^{54} auch Blitze) mit K-Regen, 14^{23-35} dreimal Donnerrollen; La Ferrière: „Un seul coup fort". **8.** Litt. d. Herzogenbuchsee: Zwei kurze Gewitter. Zollikon: Sturzregen, K vom Albis her mit

sehr lange anhaltendem Donner. Zürich: 14^{05-25} Platzregen (= 3.2 m/m, wovon 2.5 m/m um 14^{05-08}). Donner aus dem ⊼-Gebiet: Langenbruck, Wintersingen, Schleitheim, Wilchingen, Rheinau, Schaffhausen. Litt. f. Basel: „18^{08} ein mässig starker Donner, Regen 17^{55}–18^{10} und zwar 17^{56}–18^{02} = 3.2 m/m; Temperaturfall in 10 Minuten = 4° C".

b) Verzeichnis der hagelbeschädigten Gemeinden:

April 10. Litt. a. Urnäch, Herisau (Ausser-Rhoden), Bischofszell (Thurgau). **14.** Litt. b. Eschenz, Diessenhofen (Thurgau), Lohn (Kt. Schaffhausen), Marthalen, Wil-R. (Kt. Zürich). Litt. e. Yverdon, Payerne (Waadt). Brot-dessons (Neuenburg). **15.** Luzern, Horw. **29.** Appenzell (Inner-Rhoden), Schwäbrig, Teufen, Herisau (A.-Rh.).

Mai 7. Litt. b. Plasselb, Oberschrot, Plaffeien, Zumholz (Kt. Freiburg), Bern, Langnau, Lützelflüh, Sumiswald, Trachselwald, Wasen, Eriswil, Huttwil, Madiswil, Gondiswil, Langenthal (Kt. Bern), Ufhusen, St. Urban, Pfaffhausen (Kt. Luzern). Litt. c. Ramiswil, Mümliswil, Oensingen, Ober- u. Niederbuchsiten, Kestenholz, Wolfwil, Fulenbach (Kt. Solothurn), Courfaivre, Niederbipp, Bannwil, Aarwangen, Schwarzhäusern, Roggwil, Wynau (Kt. Bern). Litt. g. Laufenburg, Wittnau. **11.** Litt. b. Reigoldswil, Lampenberg (Baselland). **12.** Wintersingen (Baselland), Wittnau (Aargau), Kalchrain (Thurgau). **18.** Litt. a. Clarens, Riez, Cully (Waadt). Litt. b. Schangnau, Eggiwil, Horrenbach, Buchholterberg, Otterbach, Heiligenschwendi, Hilterfingen, Oberhofen, Aeschlen, Ausser- u. Innerbirrmoos, Oberdiessbach, Herbligen, Wattenwil, Schlosswil (Kt. Bern). Litt. g. Hasle, Schüpfheim, Grosswangen (Kt. Luzern), Trachselwald, Lützelflüh (Kt. Bern). **19.** Litt. c. Braggio (Graubünden), Locarno (Tessin). **21.** Litt. c. Le Crêt, Rueyres, Sales, Vaulruz, Maules, Riaz, Cerniat, Crésuz, Charmey (Kt. Freiburg). Litt. e. Rechthalten, St. Ursen, Alterswil, St. Antönien (Kt. Freiburg), Kaufdorf, Wattenwil, Forst, Längenbühl, Heiligenschwendi, Eggiwil, Beatenberg (Kt. Bern). Litt. f. Liebistorf, Wünnewil (Kt. Freiburg), Dicki (Kt. Bern). Litt. g. Urnäsch (A.-Rh.), Degersheim (Kt. St. Gallen). **23.** Litt. b. Thun, Oberlangenegg, Wachseldorn, Schangnau (Kt. Bern), Ruswil, Malters, Neuenkirch, Littau, Kriens, Rothenburg (Kt. Luzern). Litt. c. Kappel (Kt. St. Gallen), Appenzell, Rüte (I.-Rh). **26.** Litt. a. Erzingen (badisch), Trasadingen (Kt. Schaffhausen). Litt. h. Sigriswil, Oberhofen, Riggisberg (Kt. Bern).

Juni 4. Gonten (I.-Rh.), Hundwil, Waldstatt (A.-Rh.). **15.** Litt. b. Onnens, Neyruz (Kt. Freiburg). Litt. c. Chaumont (Kt. Neuenburg), Vully-le-Bas, Wallenried, Ried, Kerzers (Kt. Freiburg). Litt. g. Wohlen, Bolligen (Kt. Bern). **20.** Litt. a. Rupperswil, Hunzenschwyl, Schafisheim, Wohlen, Fischbach, Niederwil (Aargau), Schwarzenbach (Kt. Luzern), Küsnacht, Rüschlikon, Erlenbach, Thalwil, Uetikon (Kt. Zürich), Baar, Zug, Neuheim, Menzingen (Kt. Zug). **23.** Litt. a. Uetikon, Hinwil (Kt. Zürich), Reichenburg (Kt. Schwyz), Schännis (Kt. St. Gallen). Litt. c. Waldstatt, Hundwil (A.-Rh.), Schlatt-Haslen, Appenzell, Schwende, Rüte (I.-Rh.), Balgach (Kt. St. Gallen). Litt. d. Vorderthal (Kt. Schwyz), Glarus. Litt. e. Cham. Menzingen (Kt. Zug), Einsiedeln, Rickenbach (Kt. Schwyz), Altdorf (Kt. Uri), Linthal (Kt. Glarus). Litt. f. Therwil, Pfeffingen, Reigoldswil (Baselland). **26.** Litt. e. Gersau, Ingenbohl, Lowerz, Schwyz. Litt. g. Küssnach (Kt. Schwyz), Meggen, Adligenswil, Ebikon, Emmen, Rothenburg, Neuenkirch, Luzern, Littau (Kt. Luzern). **29.** Litt. f. Belpberg, Gerzensee, Walkringen, Affoltern i. E., Sumiswald, Oeschenbach, Walterswil, Dürrenrot, Wyssachen, Eriswyl, Trub (Kt. Bern), Hasle, Flühli, Malters (Kt. Luzern). Litt. g. Kaiser-Augst (Aargau), Basel-Augst, Füllinsdorf, Giebenach, Arisdorf (Baselland). Litt. i. Bellelay, Cheveney, Fahy (Kt. Bern).

Juli 2. Oberengstringen, Oerlikon (Kt. Zürich). **9.** Litt. a. Seewen (Kt. Solothurn), Ziefen, Bubendorf, Wintersingen, Rickenbach (Baselland). **10.** Litt. a. Avully, Dardagny, Russin, Bernex, Perly-Certoux, Genf, Petit-Saconnex, Grand-Saconnex, Prégny, Cologny, Collonge-Bellerive, Corsier (Kt. Genf). **27.** Litt. b. Lufingen (Kt. Zürich), Stettfurt (Thurgau).

August 4. Litt. b. Fiez, Champvent, Bonvillars, Onnens (Waadt). Litt. d. Rickenbach, Schwarzenbach, Mosen, Aesch, Altwies (Kt. Luzern), Menziken, Zufikon, Berikon (Aargau), Obfelden, Hedingen, Bonnstetten, Thalwil, Oberrieden, Horgen, Küsnacht, Erlenbach, Herrliberg, Meilen, Uetikon (Kt. Zürich). **6.** Litt. b. Lutzenberg (A.-Rh.), Thal, Berneck, Rheineck, Au, St. Margrethen (Kt. St. Gallen). Litt. d. Zeglingen (Baselland), Rohr (Kt. Solothurn). Litt. e. Matzingen, Stettfurt, Thundorf, Lustdorf, Weingarten, Warth, Wellhausen, Hüttlingen, Strohwilen, Zetzikon, Wetzikon, Affeltrangen, Griesenberg Märwil, Weinfelden, Hemmerswil, Kreuzlingen, (Thurgau). Litt. m. Missy, Avenches (Waadt), Domdidier, Liebistorf, Rechthalten (Kt. Freiburg), Ferenbahn, Dicki, Laupen, Mühleberg, Frauenkappelen, Bümplitz, Bern, Krauchthal, Bolligen, Stettlen, Vechingen, Guggisberg, Rüschegg, Riggisberg, Rüti (Kt. Bern). **10.** Litt. a. Trüllikon (Kt. Zürich), Bronschhofen, Wil (Kt. St. Gallen). Litt. b. Reckingen (Aargau), Rafz (Kt. Zürich). **23.** Litt. a. Schangnau (Kt. Bern), Schwyz. Litt. c. Lauterbrunnen, Grindelwald, Rätherichsboden (Kt. Bern). Litt. f. Amden, Krummenau, Nesslau, Stein, Berneck (Kt. St. Gallen). **24.** Litt. d. Sarnen, Wolfenschiessen (Unterwalden). **29.** Litt. e. Escholzmatt, Schüpfheim (Kt. Luzern). **30.** Litt. a. Luthern, Flühli, Hergiswil, Romoos, Entlebuch, Wolhusen, Werthenstein, Ruswil, Schwarzenberg, Kriens, (Kt. Luzern). Litt. b. Feusisberg, Wangen. Litt. c. Metzerlen (Kt. Solothurn), Zeihen, Gallenkirch, Linn (Aargau).

September 6. Litt. a. Vufflens, Gollion, Vulliérens (Waadt). Litt. b. Guggisberg, Rüschegg, Huttwil (Kt. Bern), Ufhusen, Zell, Gettnau, Willisauland, Werthenstein, Ruswil. Malters, Schwarzenberg (Kt. Luzern). **8.** Litt. d. Beinwil, Meisterschwanden (Aargau). Litt. e. Luzern, Ebikon, Dierikon, Root, Adligenswil (Kt. Luzern). **13.** Matzendorf, Laupersdorf, Mümliswil (Kt. Solothurn).

c) Hagel ohne bekannt gewordene elektrische Erscheinungen:

Mai 14. Montagny-les-Monts (Kt. Freiburg). Chaumont $13^{1}/_{2}{}^{h}$ (stark), Bevers $17^{1}/_{2}{}^{h}$. **17.** Sigriswil (Kt. Bern), Porsel (Kt. Freiburg). Bevers $14^{1}/_{2}$–15^{h} (mit Regen). **21.** Unteriberg. **23.** Montricher près Cossonay. **26.** Uster 17^{02}–17^{15} (mit Platzregen). **Juni 23.** Thaingen (Kt. Schaffhausen), Schlatt u. Biethingen (Ghgt. Baden), Romoos. Entlebuch (Kt. Luzern), Giswil (Unterwalden). **24.** Menzingen (Kt. Zug). **29.** Mosnang (Kt. St. Gallen). **Juli 27.** Bernhardin 11^{05}–11^{20}. **28.** Clarens, zweimal, I: 2^{h} und II: zwischen 10 u. 11^{h} (schmaler Strich zwischen Baugy und Sauzières). **August 10.** Menznau (Kt. Luzern). **30.** Steinmaur (Kt. Zürich). **31.** Bex (Waadt). **September 6.** Tägerwilen (Kt. Thurgau). **8.** Versoix (Kt. Genf), Mies, Tannay, Commugny, Coppet, Founex (Waadt). **11.** Wahlern, Souboz (Kt. Bern), Bärschwil (Kt. Solothurn), Bretzwil, Lauwil (Baselland).

Nachträge.

a) Gewitter ausserhalb der Landesgrenze, beobachtet auf unsern Stationen:

Im Vorarlberg:

Mai 18. Donner 15^{40}–16^{50}: Säntis (20mal), Appenzell, Degersheim, St. Gallen, Altstätten. **Juni 29.** Donner 17^{10}–18^{h}: Teufen, Altstätten, Seewis. **September 5.** Blitz u. Donner 20–22^{h}: Urnäsch, Altstätten; Blitze: Säntis (im E). **6.** Donner 15–15^{40}: St. Gallen, Teufen, Säntis (fern im ENE), Appenzell, Altstätten.

Am deutschen Bodenseeufer:

Mai 17. Donner 19^{40}–20^{h}: Schaffhausen (im E), Kreuzlingen (über Friedrichshafen), Altstätten (im N).

Im Höhgau:

April 7. Blitz u. Donner 20–21^{30}: Lohn, Schleitheim (im N u. E). **Juli 18.** Donner 1^{45}–2^{45}: Lohn (5 km im NW nach E), Rheinau, Hallau.

Vom Höhgau zum Schwarzwald:

Mai 18. Donner 16–17^{h}: Haidenhaus, Lohn, Schaffhausen, Wilchingen, Wintersingen.

An der Nordabdachung des Randen:

April 27. Donner zwischen 12 u. 13^{h}: Schleitheim, Hallau, Wilchingen, Schaffhausen, Lohn. **Juli 16.** Donner 5^{15}–6^{25}: Schleitheim, Hallau, Wilchingen, Schaffhausen, Lohn.

Im Schwarzwald:

April 29. Blitz u. Donner 20–22^{h}: Böttstein; Blitze im N: Liestal, Augst, Wintersingen, im W: Hallau, Schleitheim; Donner im NW: Lohn. **Mai 11.** Donner ca. 17^{h}: Lohn, Hallau. **23.** Donner 14–16^{h}: Schleitheim, Hallau, Lohn (im N u. NW). **15.** Donner 15^{10}–17^{h}: Wintersingen, Hallau, Schleitheim, Schaffhausen, Lohn. **23.** Donner 15–15$^{1}/_{2}$^{h}: Liestal, Wintersingen, Wittnau. **Juli 18.** Donner 9$^{1}/_{2}$–10^{45}: Wil-R., Hallau, Schleitheim. **20.** (Am Westrand des Wutachgebiets) Blitz u. Donner 19$^{1}/_{2}$–20$^{1}/_{2}$^{h}: Schleitheim, Hallau, Lohn; Donner: Schaffhausen. **August 3** (Im Wutachgebiet) Blitze: Hallau (im W), Augst (im NE).

Aus dem Oberelsass zum Badischen Blauen oder ins Wiesental:

April 14. Donner 17^{05}–18^{30}: Basel (15 km nordwestlich nach Norden), Augst. **Juli 18.** Blitz u. Donner 0^{30}–1^{30}: Basel (Blitze seit 0^{30}, starke barom. Unruhe 0^{20}–5^{20}, Donner 5 km im N nach NE, ca. 50 mässige Entladungen). **20.** 18^{40}–19^{10} (Basel 18^{52}–19^{05} ↖ 4 km im NW nach NE ziehend: Pfeffingen, Wintersingen, Rheinfelden Donner). **August 3.** 21$^{3}/_{4}$–0^{h} (Basel 21$^{3}/_{4}$–23$^{1}/_{2}$^{h} ↖ aus NW, 3 km im N nach NE ziehend: Wintersingen u. Hallau Blitze im NW u. W).

In der Franche-Comté:

April 14. Blitz u. Donner 15–15^{40}: La Chaux-de-Fonds ▲, La Ferrière; Blitze: Saignelégier. **Mai 18.** Donner 10^{20}–12^{h}: La Ferrière, La Chaux-de-Fonds, Boudry.

Ueber Nordsavoyen:

Mai 13. Donner im S 21^{55}–22^{h}: Clarens (über dem See), Marsens.

b) Lokale Gewitter:

März 3. Locarno 0–1^{h} (2./3. = 72.5 $^{m}/_{m}$) und Lugano (2./3. = 82.0 $^{m}/_{m}$). **11.** Mezzana 17–19$^{1}/_{2}$^{h}. **25.** Linthal 14$^{3}/_{4}$^{h} (W nach E).

April 5. Lyss 16^{48}–17^{30} (Bern, Wasen, Herzogenbuchsee Donner), Thun 17$^{1}/_{2}$–18^{h} (Heiligenschwendi Donner). **10.** Bachtel 15^{50} (Hinwil Donner), Kreuzlingen 17^{h}. **11.** Choindez 17^{h} (La Ferrière Donner). **11./12.** Neuchâtel n. **12.** Champ-Fahy 12^{45}. **14.** Kienthal 13–13$^{1}/_{2}$^{h}, Plantahof mittags, Ebnat 14^{10} (über Kappel), Heiligenschwendi 21–22$^{1}/_{2}$^{h}. **15.** Neuchâtel 11$^{3}/_{4}$^{h}, Lyss 14^{h} (ca. 5 sehr intensive elektr. Entladungen). **20.** Locarno 16–16^{40}, Brissago 16^{h}, Mezzana 15^{20} (▲^{2}). **23.** Mezzana 17–18^{30}. **25.** Langnau 15$^{1}/_{2}$–16$^{1}/_{2}$^{h}, Mettmenstetten n 25./26. **27.** Yverdon 16$^{1}/_{4}$^{h}, zwischen Burgdorf u. Herzogenbuchsee 17$^{1}/_{2}$^{h}, Romont 18$^{1}/_{2}$^{h}, Bennwil 14–14$^{1}/_{2}$^{h} (Reigoldswil Lampenberg, Pfeffingen u. Augst Donner).

Mai 7. Marsens 16^{h} (La Roche Donner), Schleitheim 19^{20}–19^{30} (von S nach N, Hallau dreimal Blitz u. Donner). **9.** Arisdorf 18^{10}–19^{h} (Rheinfelden u. Möhlin ↖-Regen), Mezzana 19^{45} („nussgrosse Hagelkörner", Locarno u. Braggio Blitze). **11.** Baulmes 11^{40}–12^{20} (La Praz Donner, Suchet ▲, Ballaigues quelques grêlons), Schleitheim 12^{30}–13^{30} (Hallau Donner), Aarberg 14$^{1}/_{2}$^{h} (Bern u. Freiburg Donner), Murten 15^{30} (Neuchâtel und Chaumont Donner), Teufen 17^{43}–18$^{1}/_{2}$^{h} (Säntis und Altstätten Donner). **12.** Bischofszell 1$^{1}/_{2}$^{h} (zwei Schläge, St. Gallen Donner), Forch 14^{35} (Zollikon Blitz u. Donner, Fehraltorf Donner), Hochfelden 15$^{1}/_{2}$^{h} (Winterthur u. Schöfflisdorf Donner), Buffalora 17^{h}. **13.** Kilchberg 15$^{1}/_{2}$^{h} (Baselland), Ponte Tresa p. **14.** Olivone p (22.0 $^{m}/_{m}$), Ponte Tresa 16^{h} (21.5 $^{m}/_{m}$, Crana Donner). **17.** Im Gasterland 13–14$^{1}/_{2}$^{h} (Hinwil [im S], Glarus [im N] Donner), Gingins 14–15^{h} (Genf Donner), Vrin p, Lauterbrunnen 18$^{1}/_{4}$^{h}, am Hochwang 18$^{3}/_{4}$^{h} (Plantahof Blitz und Donner, Arosa Donner), Albishorn 20^{15}–20^{25} (Zürich Blitz u. Donner [Richtung Sihlbrugg 16 km], Muri Donner), Ponte Tresa 22^{h} (Crana Donner, Lugano ↖-Regen), Andermatt n 17./18. **18.** Elm 7$^{1}/_{2}$–8^{h}, Boudry 11^{h} (▲ sur la montagne vers le Mt Racine, Champ-Fahy Donner), Therwil 14^{h} (Choindez und Bellelay Donner), Romainmôtier 16^{h} (Gingins Blitz u. Donner, Genf Donner), Engelberg 16$^{3}/_{4}$–17^{h} (Lungern und Isenthal Donner), Rickenbach b. Schwyz 17^{30}–17^{46} (NE nach SW, ▲ wie Kirschsteine 17^{37}–17^{43}), Davos 17–18^{h} (Arosa Donner), Brusio n 18./19. (Bevers Wetterleuchten). **19.** Altdorf 15^{30} (Isenthal Donner), Rickenbach b. Schwyz 16^{30} (Entladungen reichlich u. stark), Linthal 18^{h} (Einsiedeln u. Iberg Blitz u. Donner). **20.** Rickenbach b. Schwyz 17$^{1}/_{2}$^{h} (Einsiedeln u. Isenthal Donner), am Hochwang 18$^{3}/_{4}$^{h} (Plantahof, Arosa u. Davos Donner), Etzel 19$^{1}/_{2}$–20^{h} ↖ (Rapperswil Blitz u. Donner, Sihlwald u. Muri Donner), Elm 20^{h} (Platta Donner), Lauterbrunnen 20$^{1}/_{2}$^{h} (Kienthal Blitz und Donner). **21.** Escholzmatt p, Romainmôtier p, Genf 17^{45} (Carouge u. Grand-Saconnex ▲), Chaumont 19^{h} (Champ-Fahy Donner), La Valsainte 20^{45} (Payerne Donner), Gingins 22^{h} (Nyon u. St. Cergue Donner, Bern, Lausanne u. Neuchâtel Blitze). **22.** Degersheim 23–0^{h} (● u. ▲, Heiden Blitze). **23.** Lauterbrunnen 16$^{1}/_{2}$^{h} u. 17$^{1}/_{2}$^{h}. **24.** Plantahof 16–18^{h} (Säntis u. Davos Donner), Zuoz 17$^{3}/_{4}$^{h} (▲, Bevers Donner). **25.** Heiden p. **26.** Kreuzlingen 5$^{1}/_{2}$^{h}, am Hohen Kasten 5$^{1}/_{2}$^{h} Altstätten und St. Gallen Donner), Valangin zwischen 11 u. 13^{h} (Boudry Blitz und Donner), Bellelay 15$^{1}/_{2}$–16^{h}. **27.** Locarno 23–0^{h}. **31.** Ponte Tresa 13$^{1}/_{2}$^{h} (Crana u. M^{te} Generoso Donner).

Juni 5. Braggio 13$^{1}/_{2}$^{h} (Schnee u. Graupeln, Grono ▲ 13–13^{10}), Olivone n 5./6. **8.** Mont Soleil, vers minuit, Urnäsch n 8./9. (Herisau Blitz u. Donner). **10.** Genf 6^{40}, Siders, abends. **11.** Romont 21$^{1}/_{2}$^{h} (Marsens Donner), Willisau 23^{h} (Luzern u. Weggis Donner). **12.** Im Gebiet zwischen Diegten- u. Thalbach: Diegten, Lampenberg u. Reigoldswil (Pfeffingen, Waldenburg u. Langenbruck Donner). **14.** Waldenburg zwischen 10 u. 13^{h} u. um 17^{h}. **15.** Genf 13^{15} (▲ 13^{50}), Elm 12^{40}, Adelboden 17^{h}, Vrin abends, Genf n 15./16. **17.** Brissago früh morgens (16./17. = 101.5 $^{m}/_{m}$), Bellinzona 8^{15} (Gotthard Blitze), Andermatt 14$^{1}/_{4}$–14$^{1}/_{2}$^{h} (Platta von 14^{10} an verschiedene Mal Donner). **17./18.** Platta (s = 155.5 $^{m}/_{m}$). **18.** Baden 5$^{1}/_{2}$^{h}, Locarno 16–16$^{1}/_{2}$^{h}. **23.** St. Gallen 10^{45} („einmaliger starker Donner und einige Augenblicke kräftiger Eiskörnchenfall"), Aadorf 14–14$^{1}/_{4}$^{h}, Luthern 17^{h}, Willisau 18$^{3}/_{4}$^{h}. **26.** Kreuzlingen 12$^{1}/_{4}$^{h} (W nach E), St. Urban 14–16^{h} (Bennwil Donner), Rickenbach b. Schwyz 15^{40} (15^{40}–15^{45} ▲), Adelboden 23^{30}. **28.** Davos-Schatzalp 23^{h}. **29.** Clarens 1^{h}, Bern 2^{h}, Vallorbe midi, Schleitheim 12–14^{20} (Wil-R. Donner), Saignelégier 14^{h}, Möhlin 15^{55} (Wintersingen Donner).

Juli 1. Sion 16$^{1}/_{4}$^{h}. **2.** Linthal 19$^{3}/_{4}$^{h} (Hinwil Donner im SE), Engelberg 23^{30} (Sarnen Donner). **3.** Walenstadt p. **9.** Martigny 14 u. 15^{h} (Clarens ca. 3mal Donner im SE), Sta Maria 13^{10}–14^{30} (im W nach N), Ponte Tresa abends (Lugano Blitz und Donner, Bellinzona Blitze). **10.** Payerne 18^{45}–19^{30} (Freiburg Donner), Martigny n 10./11. (s = 15.4 $^{m}/_{m}$). **11.** Buffalora 17–17$^{1}/_{2}$^{h}, Bellinzona abends (Crana u. Bernhardin Donner). **13.** Sta Maria 19^{30}–19^{45} (S nach N). **14.** Bachtel 13$^{1}/_{2}$^{h}, Walenstadt p, Engelberg zwischen 19 u. 20^{h}. **17.** Schleitheim 13^{40}–14^{h}, Hochfelden 17$^{1}/_{2}$^{h} (Schleitheim u. Rheinau Donner), Weissenstein 22^{h}, Allerheiligen 23^{h} (Blitz u. Donner: St. Urban). **18.** Am Allmann 1–2^{h} (Blitz u. Donner im S und SE: Zürich, Schaffhausen, Hinwil, Sternenberg, Donner: Fehraltdorf, Winterthur, Sihlwald, Kirchuster (bei SE), elektr. Entladungen kräftig und

häufig). Böttstein 5^h, am Hauenstein 9–$9^1/_2{}^h$: Diegten und Waldenburg (Pfeffingen und Kilchberg Donner), Kreuzlingen 12^{45}–13^h (Steckborn Donner). Bernhardin 13^{30}, Savognin p (Linthal Wetterleuchten, Chur Donner, Tomils K-Regen), Lichtensteig 15^{10}–15^{30} (Säntis Donner), Kaiserstuhl 18^h, Steckborn 21^{25}. **19.** Mervelier 3^h. **20.** Andeer p, Bernhardin n 20./21. **22.** Tschiertschen 2^h, Le Prese p. **22./23.** Barmelweid. **25.** Bernhardin 20^{45}. Comprovasco 21–22^h, Brusio n 25. 26. **26.** St^a Maria $11^1/_4$–12^{05} (S nach N), Mosogno p, Martinsbruck p, Arbon n 26./27. (Kreuzlingen Blitze). **27.** Solothurn 7^h, Tomils a, Cernier 18^h (Neuchâtel Donner), La Valsainte $19^1/_2{}^h$, Aarberg 20^h, Genf 20^{30}, Brusio n 27./28.

August 1. Genf n 1./2. **2.** Eigergletscher 19^h. **3.** Lugano 19^h, Escholzmatt 22^h (Herzogenbuchsee K-Regen). **3./4.** Yverdon (Le Sentier u. Neuchâtel Blitz u. Donner, Montcherand Donner), Linthal (Thusis Donner). **4.** Olivone 4^h, Arosa $1^1/_4{}^h$ (3. 4. = 45.0 m/m, Davos Blitz u. Donner), Appenzell 14–$14^1/_2{}^h$ (Altstätten Donner), Hochfelden 15^h. **6.** Waldenburg $15^1/_2{}^h$ (Wintersingen u. Kölliken Donner), Pontresina 15^h. Einsiedeln 18^{30}–19^h (Iberg u. Zürich Donner), Kreuzlingen 20–$20^1/_2{}^h$ (Hallau u. Lohn Blitze, Uster Wetterleuchten), Herisau 21^{20}–21^{45} (Hinwil, St. Gallen u. Teufen Donner). **9.** Vorderthal p (41.4 m/m). **13.** Baden 13^{15}. **16.** Vrin p (Faido Blitze). **23.** Gotthard 17^h (Platta Donner). **23./24.** Grindelwald $23^1/_2$–1^h (Siders Donner). **24.** Sion 3^{55}–4^{15}, Mervelier 14^h (Mormont Donner), Adelboden 15^h, Platta 15^{48}, Vrin p, Ponte Tresa abends, Gingins 18–$18^1/_2{}^h$, Yverdon $19^1/_2{}^h$, Genf $19^3/_4{}^h$. **24./25.** Davos, Olivone, Mosogno, Valangin (Les Ponts Donner). **25.** Elm $13^1/_4{}^h$. **26.** Ponte Tresa 4^h (Crana u. Lugano Donner). **28.** Vrin p, Flims abends, Brusio $20^3/_4{}^h$ (Muottas-Muraigl Blitze). **29.** Vicosoprano p (Muottas-Muraigl 14 u. 16^h Donner). **30.** Vrin 2^h (▲), Glarus 3^h.

September 5. Zurzach 17^{45} (Hallau Donner), Weissenstein $19^1/_2{}^h$ (St. Urban Donner, La Chaux-de-Fonds Blitze). **5./6.** Olivone, Mosogno. **6.** Bellinzona 6^{30}–9^h, Boudry $7^1/_2{}^h$, Comprovasco $12^3/_4$–13^h, Kienthal 13^{40} (Beatenberg Blitz, Lauterbrunnen Donner), Sion $13^1/_2$–13^{50} (Hérémence Donner) und 15^{10}–15^{30}, Kreuzlingen 16^{45} (Tägerwilen ▲, Steckborn Blitz und Donner ohne Regen, Haidenhaus u. Frauenfeld Donner) und 17^{20}–17^{40} (41.0 m/m). **7.** Arisdorf 21^{30} (Reigoldswil Donner, Augst, Pfeffingen, Wintersingen u. Hallau Blitze). **8.** Mont Soleil 6^h, Lausanne $12^1/_2{}^h$, Moudon 17^h. **10.** Yverdon 21^h (Payerne u. Romainmôtier Donner), Luzern $22^3/_4{}^h$ (in der Nähe Blitz u. Donner, Weggis Donner). **19.** Urnäsch 18^h (Teufen Donner, Säntis Blitze). **22.** Bellinzona 17^h, Yverdon $17^1/_2{}^h$ (Lausanne Blitz u. Donner, Clarens, Freiburg u. Champ-Fahy Donner), Rheinfelden $21^1/_2{}^h$ (Basel Blitze). **23.** Gingins 7^h (Lausanne Blitz u. Donner, Marsens u. Clarens Donner), Olivone morgens, Muottas-Muraigl 10^{06} (9^{20}–10^{42} 10 mal Donner, 9^{30}–14^h Regen), Braggio $10^1/_4{}^h$, Muottas-Muraigl 11^{35}–14^{42} (12^{03} <-Schlag), St. Moritz ca. 14^h <. **29.** Braggio 19^{15}. **30.** Ponte Tresa abends (s = 59.0 m/m, Crana Donner).

Oktober 1. Monte Brè u. Lugano $19^1/_2$–$21^1/_2{}^h$ (Bellinzona Donner).

c) Tage mit einzelnen gleichzeitigen Gewittererscheinungen verschiedener Art, z. T. in der gleichen Gegend:

April 14. Blitz u. Donner 18^{25}: Marsens (im N), Donner: La Roche (im NW).

Juli 10./11. Donner: Bernhardin, Blitze: Braggio. **17.** Blitz u. Donner: Aadorf $23^1/_2{}^h$, Donner: Wil-R. n 17./18. **20.** Blitz u. Donner abends: Les Marécottes, Donner: Hérémence, Blitze: Genf, Sion.

d) Blitz und Donner ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

Januar 16. Clarens 9^{09} („einmal Blitz und rollender Donner über dem See"). **April 7.** Urnäsch p. **24.** Hallau gegen 19^h (im S). **27.** Schaffhausen $19^1/_2{}^h$ (im S). **Mai 2.** Oberkirch $15^1/_2{}^h$ (im E). **10.** Champ-Fahy p („K sur la plaine"). **Juni 1.** Arisdorf abends (im N). **20.** Lausanne, von 19^{45} an im S, von 19^{55} an im NE. **28.** Braggio 21^h (im S). **Juli 7.** Biel 22^h (im N). **13.** St^a Maria 18^{20}–18^{30} (Martinsbruck K-Regen). **17.** Payerne. **August 3.** Neuchâtel 23^h. **23./24.** Bernhardin 0^h („Wetterleuchten und ein Donner"). **26.** Lausanne 12^{45} (im E). **September 6.** Lausanne 2^{45} (im E). **10.** Lausanne 20^{40} (im W). **13.** Kölliken 12^{50}–13^{45}. **23.** St^a Maria „von 9^h ab fast den ganzen Tag", Lausanne 17^{57}. **25.** Braggio 7^{15} (im S).

e) Donner ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

Januar 17. Zurzach 16^{45} (einmal). **März 1.** Locarno $19^3/_4{}^h$.

April 12. Champ-Fahy 1^h („un fort coup de tonnerre"). **14.** Schleitheim 16^h („im Schwarzwald"). **24.** Plantahof 18^h. **25.** Freiburg 18^h. **27.** Freiburg 14^{30}–14^{45} u. 16^{30}–17^h (von S im E nach N). **30.** Säntis 7^{34} (fern im NE), Davos p (einmal).

Mai 5. Hallau $18^1/_2{}^h$ (im N). **7.** Lauenen 15^{28} (im S), Heiligenschwendi p (zeitw.). **9.** St^a Maria 22^h. **11.** Genf 17^{30}, Sternenberg abends, Uster von 17^h an, Bellelay n 11./12. **12.** Luzern $15^1/_2{}^h$. **17.** Reigoldswil 16^h (im SW), Linthal 17^h. **19.** Liestal 15^h (im NW). **20.** Sion u. Zermatt 17^h. **21.** Genf 16^{25} (im S). **22.** Hallau 14^{30} (im N), St. Gallen 18^{55} (im SE). **23.** Lausanne 13^{40}, Engelberg, zwischen 19 und $19^1/_2{}^h$, Sion $21^1/_2{}^h$. **24.** St^a Maria 15–$16^1/_2{}^h$ (stark, im NE). **26.** Locarno 15^{20}, Crana abends.

Juni 4. Böckten p. **5.** St. Gallen 13^{27} (im N). **10.** Wil-R. 19^h. **12.** Wintersingen 11^{30} u. 14^{30}–15^{30} (im E), Engelberg $13^1/_2{}^h$ (zweimal). **15.** Hérémence u. Varen $16^1/_2{}^h$. **17.** Platta 12^{25}. **18.** Bachtel 4^h (17./18. = 47.2 m/m). **20.** Freiburg p. **23.** Isenthal $14^1/_2{}^h$, Altstätten 13^{56} und 13^{38}, Plantahof abends. **26.** Neuchâtel, entre 1 et 2^h (au SW), Einsiedeln 13^{25}, Platta 13^{47}, Säntis 15^{22}–15^{40}, Neuchâtel 16^h, Plantahof, von 16^h an, Lausanne 20^{45}, Marsens $21^1/_2{}^h$. **29.** Freiburg 0^{30}, Hallau $7^3/_4{}^h$, Arisdorf a (im W), Clarens 14^{15} (dreimal). **30.** Aadorf $13^1/_4{}^h$ (im SE).

Juli 4. Pfeffingen 15^{30}, Schaffhausen $17^1/_2{}^h$. **5.** Crana 15^h. **9.** Luzern 11^{37} (K-Regen), Lugano $15^1/_2{}^h$, Lohn 17^h, Wintersingen n 9./10. (einmal). **10.** Altstätten $12^1/_2{}^h$ (zweimal), La Chaux-de-Fonds 15^{03}–15^{04}, Wintersingen 22–22^{30}. **11.** Chur abends (nur kurze Zeit). **14.** Genf 17^{25}. **16.** Neuchâtel gegen 1^h (einmal, mit Regenschauer), Altstätten $14^1/_4{}^h$ (im S). **17.** Schleitheim 18^{15} (im W), Sarnen 23^h (im W). **18.** Böttstein p, Weggis 18^{30}, St. Urban $19^1/_2{}^h$. **20.** Glarus 20^h. **26.** Lugano $13^1/_2{}^h$ (aus SW). **27.** Haidenhaus a, Altdorf 14^{15} (zweimal). **31.** Steckborn.

August 4. Chaumont a, Freiburg 11^h. **24.** Zürich 9^{45} (im S). **27.** Muottas-Muraigl 1^{50}–2^h. **30.** Muottas-Muraigl 4^h, Lauterbrunnen 6^h, Lungern 6^h (aus W).

September 5. Lauterbrunnen 22^h. **6.** Clarens 3^{28}–4^{10} (im S), Sargans morgens, Clarens 8^{30} (einmal), Muottas-Muraigl 8^{57}–11^{55} (spärlich u. schwach), Lauterbrunnen $10^3/_4{}^h$. **8.** Lohn abends (im N). **12.** Crana 17^h (einigemal), Clarens 21^{40}–21^{42} (zweimal). **22.** Basel 23^{20}–23^{40}. **23.** Platta 6^{02}, St^a Maria 6^{35}, Clarens 8^{12} u. 8^{20}, Braggio 12^h, Crana 16^h, Platta n 23./24. **25.** Bevers 8^h, Muottas-Muraigl 8^{10}.

Oktober 20. Crana 16^h (einigemal).

f) Blitze ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

März 4. Hallau $21^3/_4{}^h$ (im ESE). **12.** Beatenberg $21^3/_4{}^h$ (im SE).

Mai 5. Kreuzlingen $21^1/_2{}^h$ (im E). **11.** Winterthur 21–22^h (im W). **20.** Lausanne von 20^h an (im S). **21.** Wintersingen 21^{25}, La Brévine abends. **24.** Wilchingen 20^{15}–20^{30} (schwach).

Juni 3. Säntis 21^h (nahe im S, stark). **4.** Braggio $21^1/_2{}^h$. **24.** Clarens 22^h (im S). **Juli 18.** Rickenbach b. Schwyz 23-0^h (Richtung Luzern). **20.** Kreuzlingen $21^1/_2{}^h$.

August 4. Basel 0^h–0^{25} (im NE). **13.** Hallau $17^3/_4{}^h$. **23.** Montcherand u. Le Sentier abends (im W). **29.** Braggio abends (im S).

September 3. Muottas-Muraigl 1–2^h („im SW nach S, ca. 30 km, häufig, über dem Nebelmeer"). **7.** Muottas-Muraigl $21^1/_2{}^h$ (20–30 km im W u. SW). **23.** Braggio $21^1/_2{}^h$. **28.** Muottas-Muraigl 20–22^h.

g) Wetterleuchten ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

März 1. Schwäbrig $19^3/_4{}^h$. **12.** Bevers ca. $21^1/_2{}^h$.

April 12. Bellelay (im W). **14.** Basel, Liestal, Bellelay (im W), St. Urban, Bern 20–21^h (im SW und W), Freiburg 20^h (im W), Wasen 21^h, Muri, Hallau, Zürich, Uster. **29.** Luzern.

Mai 7. Hallau, Schaffhausen, Lohn, Haidenhaus, Kreuzlingen, Frauenfeld, Luzern. **11.** Kölliken 21^h (im W), Hallau $21^1/_2{}^h$, Aarau von 23^h an. **13.** Säntis (im SW nach SE, Kölliken 21^h (im W), Wintersingen u. Augst 21^{30}. **17.** Bevers 21^h, Visp (im SE), Guttannen. **18.** Guttannen, Gotthard (im SW), St. Gallen $21^1/_2{}^h$ (im S). **20.** Bern $20^3/_4$–$21^1/_4{}^h$ (im SW), Neuchâtel vers 21^h (au SW), Kölliken 21^h (im SE), Wintersingen seit 21^h, Heiligenschwendi, Beatenberg (im SW), Langnau, Sarnen, Guttannen, Genf (am ganzen Horizont). **23.** Schaffhausen u. Kreuzlingen (im E).

Juni 4. Kölliken 22^{30} (im SE).

Juli 5. Visp (im SE). **16.** Kölliken. **20.** Lugano gegen 22^h. **21.** Tschiertschen.

August 1. Zürich 21^h (im SW), Lauterbrunnen 22^h, Aadorf 22^h (im W), Muri (im SE), Bevers. **2.** Visp $21^1/_2{}^h$ (im S u. SE) und 23^h (im N). **3.** Boudry, St. Urban, Langnau (im W), Bern (im W u. NW), Beatenberg, Interlaken, Uster, Zürich gegen 0^h (im NW), Haidenhaus (im W), Frauenfeld (im W), St. Gallen (im SW). **22.** Biel (im SE), Herzogenbuchsee (im S). **23.** Allerheiligen 20^h, Kölliken $20^1/_2$–21^h (fern im S, SE u. E), Wintersingen 20^{45}–21^{45} (im SE), Augst 21^h, Liestal, Hallau $21^1/_2{}^h$ (im SE), Schleitheim (im SE u. E), Schaffhausen $20^1/_2$–22^h (im SW, S und SE), Chaumont, Bellelay, Affoltern i. E., Langnau, Uster, Frauenfeld, Seewis (im NW), Muottas Muraigl $20^1/_2$–$21^3/_4{}^h$ (im NW bis N), Faido, Braggio. **26.** Braggio, Bevers, Arosa $19^3/_4{}^h$, Splügen, Muottas-Muraigl $21^3/_4{}^h$ (im N u. E). **28.** Herzogenbuchsee (im S), St. Gallen (aus SE), Splügen.

September 5. Lauterbrunnen 21^h (im Jungfraugebiet), Schaffhausen 21^h (im S), Frauenfeld, St. Gallen. **6.** Kölliken 21–23^h. **7.** Wasen (im W), Langnau, Sarnen 22^h, Schaffhausen, Praden b. Tschiertschen, Sion, Visp 23^h. **22.** Stâ Maria. **23.** Bellinzona. **28.** Bevers $19^1/_2{}^h$, Sonogno.

Verzeichnis der bekannt gewordenen Blitzschläge.

In Gebäude.

a) Mit Zündung: **April 29.** Appenzell. In Gonten fuhr ein Blitzstrahl zündend in einen Stall, der Brand konnte in den Anfängen gelöscht werden. Im übrigen, vide Titel Personen a und Tiere.

b) Mit Demolition: **Mai 20.** Litt. g. Uetendorf. In ein Haus in der Breiten mit Beschädigung der elektrischen Installation; im übrigen, vide Personen u. Tiere. **Juni 20.** Litt. a. Auenstein. Blitzschlag in ein Haus, auf dem Estrich einige Brandspuren hinterlassend, der Strahl durchfuhr mehrere Häuser, schoss beim äussersten westlichen Haus des Dorfes in die Küche und verliess diese, ein Loch durch die Hausmauer schlagend; im übrigen, vide Titel Personen, b. **27.** Litt. a. Säntis. 5^{12} Blitzschlag ins Bureau, vide Titel Schwachstromleitungen. **Juli 9.** Litt. b Basel. In den Giebel eines Hauses an der Delsbergerallee: Fassade beschädigt. **18.** In das Kamin eines Hauses an der Heimatstrasse-Langgasse. Der ca. 2 m über das Haus emporragende Kaminhut in Stücke gerissen und auf den Vorplatz hinunter geschleudert. Auch wurde ein Teil des Hausdaches beschädigt. **August 13.** Litt. a. Hochalp. Ca. 13^{30} in die Stube der St. Maregghütte, westlich der Hochalp: Balken, Gesimse, Laden, Fenster zerschlagen; im übrigen, vide Titel Personen, b.

c) Ohne nennenswerten Schaden: **April 29.** Herisau. Blitzschläge an verschiedenen Orten, z. B. auch in zwei Häuser an der Schwellbrunnerstrasse. **Mai 7.** Litt. d. Wasen i. E. In ein Bauernhaus auf der Hub, Gem. Wyssachen, vide Titel Personen, b. **September 8.** Litt. a. La Brévine. In eine Scheune.

In Türme.

Mai 20. Lokale ⚒. Etzel. Ca. 20^h in den Aussichtsturm. **Juni 15.** Litt. h. Bachtel. In den Aussichtsturm. **September 23.** Lokale ⚒. St. Moritz. Ca. 2^h in den Turm der evangelischen Kirche: Elektrische Leitung zerstört, Turmwand geschwärzt.

In Bäume.

April 14. Litt. b. Wil-R. Im Buchenloo-Wil, nahe bei der Station, Blitz einen Kirschbaum zersplittert. **Juni 11.** Muhen bei Kölliken. Ca. 20^h in eine Pappel. **15.** Litt. e. Kölliken. 13^{16} in eine Erle, ca. 1 km nördlich, 13^{20} in eine Tanne. Litt. h. Oberkirch. In einen etwa 50 ‰ dicken gesunden Birnbaum, der völlig zersprengt wurde; armsdicke Aeste lagen mehr als 50 m abseits.

In Telephon-, Telegraphen- und andere Schwachstromleitungen.

Mai 7. Litt. a. Bellelay. Zweimal Blitzschlag in die Telephonleitung. **17.** Litt. d. La Brévine. „Foudre tombée 1 km NE de la station, qui a fracassé 3 poteaux de téléphones et endommagé quelques installations". **26.** Litt. a. Rheinau. In der Anstalt Neu-Rheinau Telephonsicherung beschädigt. **Juni 15.** Litt. k. Oberkirch. Blitzschlag in die Telephonleitung, 300 m vom getroffenen Baum (vid. oben) entfernt. **27.** Litt. a. Säntis. 5^{12} in das Kabel der Telephonleitung, Linie gestört, vide auch Titel Gebäude, b. **September 22.** Lokale ⚒. Muottas-Muraigl. 12^{03} Blitzschlag in die Uhrenleitung der Bahn, 13^{15} in die Telephonleitung des Hotels.

In elektrische Starkstromleitungen.

April 29. Hundwil. Ein Blitzstrahl fuhr in die Dorfleitung und demolierte an verschiedenen Orten die Sicherungen der Beleuchtung. Herisau. Aus dem Transformatorenhäuschen im Oberdorf sah man Flammen herausschlagen und Störungen in der Lichtleitung wurden bemerkt. **Juni 15.** Litt. i. Freiburg. Blitzschlag in die elektrischen Leitungen. **27.** Litt. f. Kölliken. In Safenwil Blitz in die elektrische Leitung eines Ateliers geschlagen und den Betrieb lahmgelegt. **Juli 9.** Litt. a Bellelay. Blitzschlag auf Transformatorenstation. **September 23.** Lokale ⚒. Muottas-Muraigl. 13^{50} in die Lichtleitung.

In Personen.

a) Mit Tötung: **April 29.** Appenzell. Beim Blitzschlag in einen Stall in Gonten (vide Titel Gebäude, a) der Knecht getötet, der daneben stehende Besitzer nicht verletzt.

b) Mit schwerer Verletzung: **Mai 7.** Litt. d. Wasen i. E. Beim Blitzschlag in ein Haus auf der Hub (Wyssachen, vide Titel Gebäude, b) ein Kind erheblich verletzt. **20.** Litt. g. Uetendorf. Beim Blitzschlag in ein Haus in der Breite (vide Titel Gebäude, b), eine am Tische sitzende Familie (Vater, Mutter und 1½jähriges Knäblein) vom Blitz getroffen und so erheblich verletzt, dass alle drei ins Krankenhaus verbracht werden mussten. **Juni 20.** Litt. a. Auenstein. Auf freiem Felde eine Frau niedergeschlagen und in Ohnmacht versetzt. Eine am Schüttstein eines getroffenen Hauses stehende Frau teilweise des Gehörs beraubt. **August 4.** Bellinzona. In der Nähe von Mergoscia b. Locarno durch Blitzschlag eine Frau schwer verletzt. **13.** Litt. a. Hochalp. Bei dem Blitzschlag in die Stube der Maregghütte zwei auf der Fensterbank sitzende Frauen erheblich verletzt, während von den vier am Tische sitzenden Personen eine einzige getroffen wurde (leichte Verletzungen am Oberarm und Gesicht).

c) Mit nur leichter Verletzung: **August 13.** Litt. a. Hochalp, vide Titel Personen, b.

In Tiere.

April 29. Appenzell. Beim Blitzschlag in einen Stall in Gonten eine Kuh getötet. **August 4.** Bellinzona. In der Nähe von Mergoscia 5 Kühe und 14 Ziegen vom Blitze erschlagen.

In den Erdboden.

Juni 27. Litt. f. Kölliken. Ca. 1.5 km nördlich ein Blitzstrahl zur Erde. **Juli 5.** Crana. Um 18^h ein Blitzstrahl in den Weg vor dem Wasserstationshäuschen, ein zweiter ebenfalls.

In nicht ermittelte Objekte.

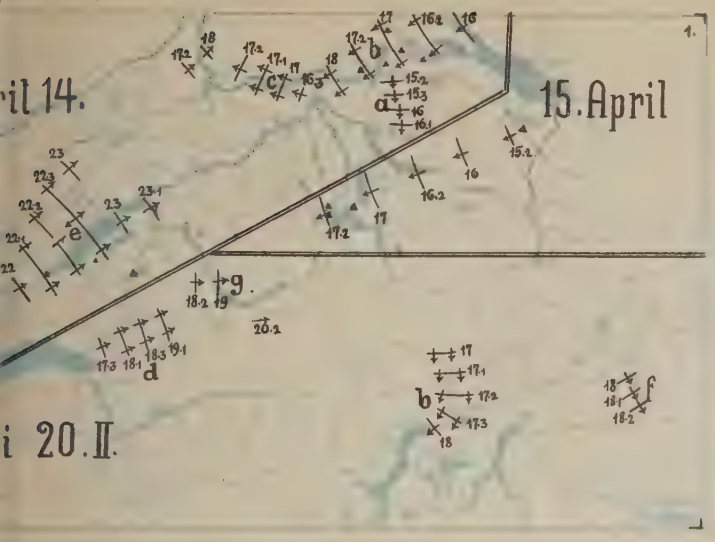
Mai 11. Litt. d. Bischofszell. Blitzschlag 500 m von der Station. **Juli 18.** St. Gallen. Drei Blitzschläge 13^{49}-13^{51}. **August 13.** St. Gallen 13^{14} Blitzschlag.

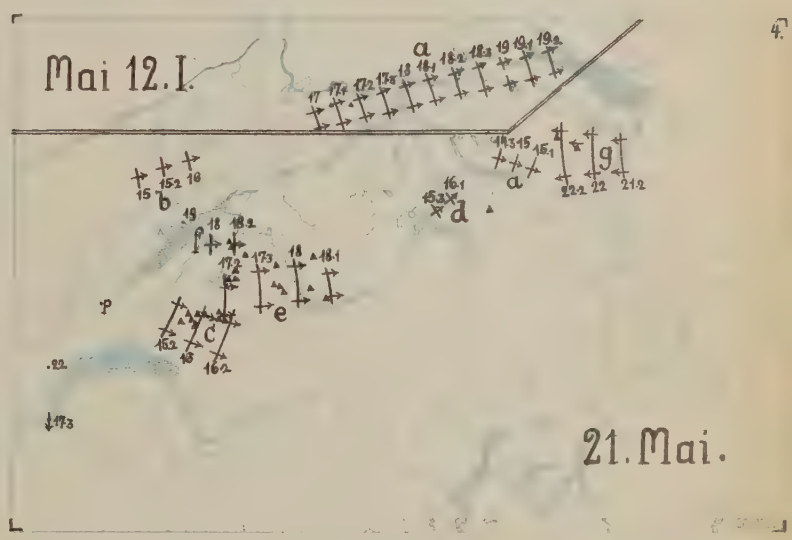
J. Mettler.

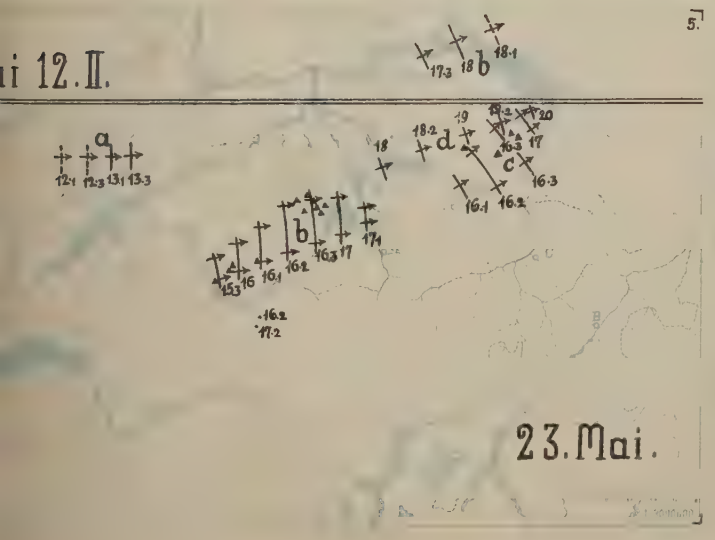
Erklärung zu den Tafeln.

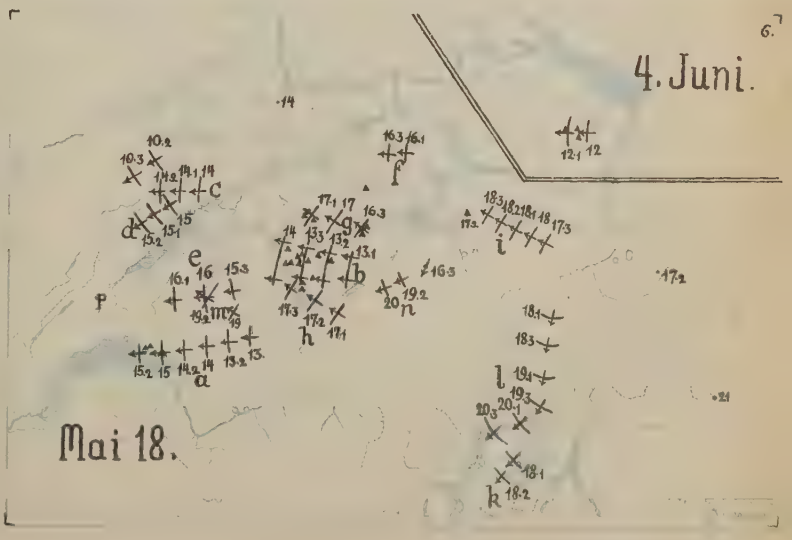
Die am Schlusse beigefügten Kärtchen sollen einige Tage mit den meisten Gewitterzügen und Gewittergruppen zur Anschauung bringen; sofern aber der Raum es gestattete, hat man auch noch solche eines andern Tages eingezeichnet, wodurch allerdings stellenweise die chronologische Reihenfolge gestört wurde. Von 68 im Original graphisch dargestellten Gewittertagen konnten auf diese Weise 41 in den nachstehenden Tafeln berücksichtigt werden. Das Symbol ▲ markiert die Lage der einzelnen hagelbeschädigten Gemeinden oder Orte. (Auf Tafel III, Kärtchen 4, ist zwischen Ilfis und Kleine Emme irrtümlicherweise ein ▲ stehen geblieben). Die Pfeile geben die Richtung des Gewitters; konnte dieselbe nicht ermittelt werden, so deutet ein Punkt die Gegend der elektrischen Entladungen an. Die Kurven (Isobronten) verbinden die Stationen mit gleichzeitigem Eintritt des Gewitters im Zenith des Beobachters. — Die Ziffern bezeichnen die Zeit in Stunden und Viertelstunden von 0^h bis 24^h.

Graphische Darstellung der Hauptgewittertage im Jahre 1918.



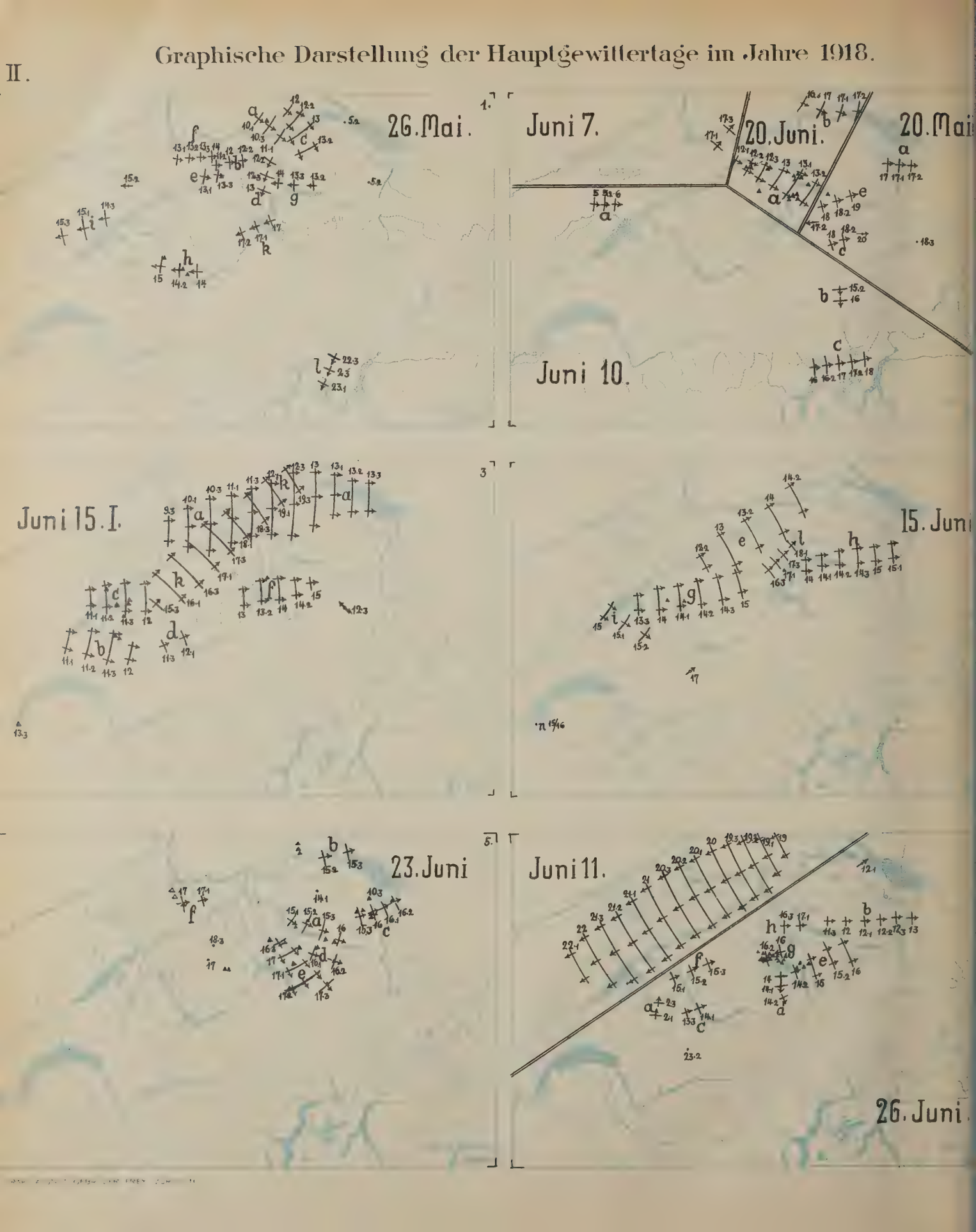




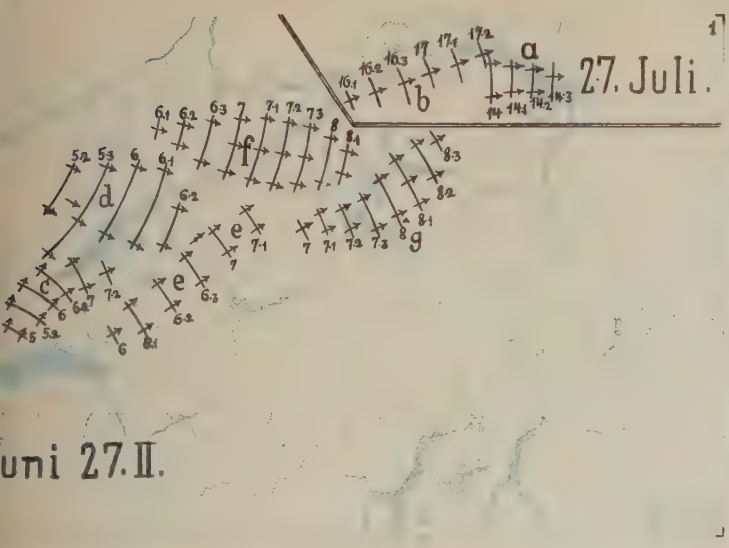


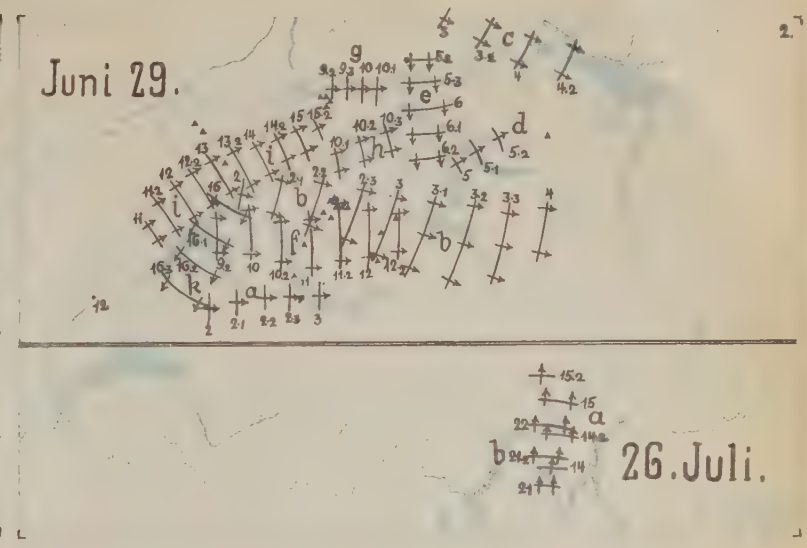
NSTALT GEBRÜDER FREY, ZÜRICH II.

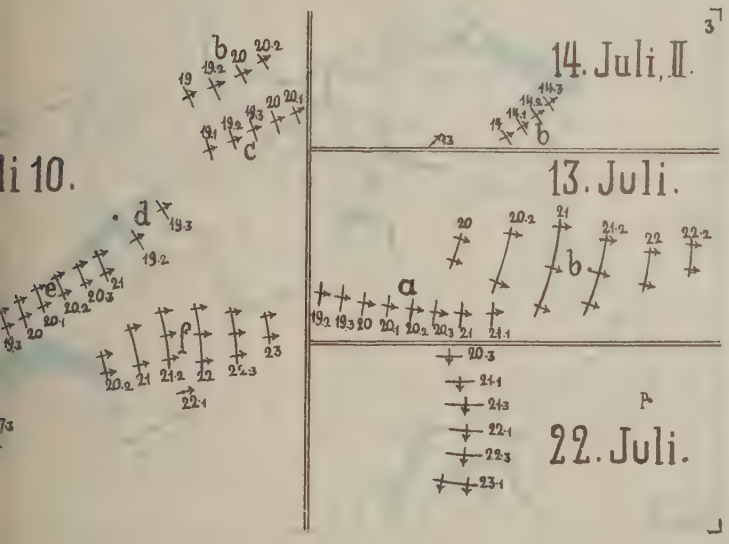
Graphische Darstellung der Hauptgewittertage im Jahre 1918.

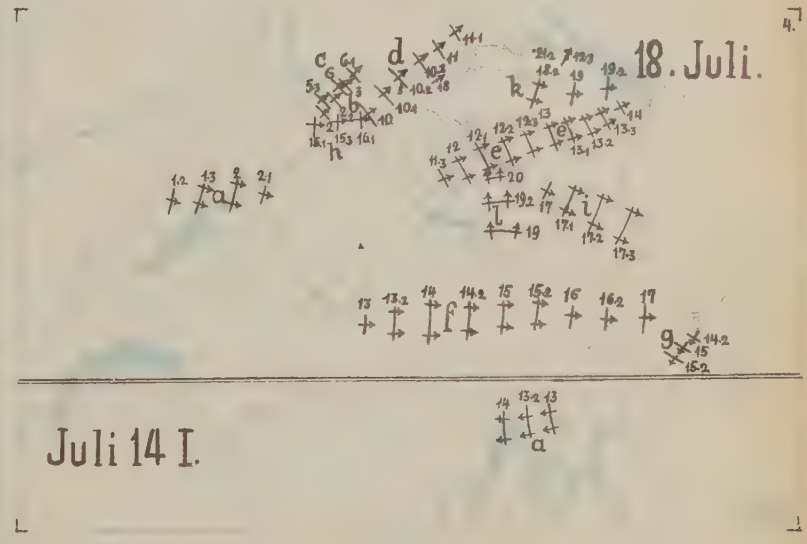


Graphische Darstellung der Hauptgewittertage im Jahre 1918.



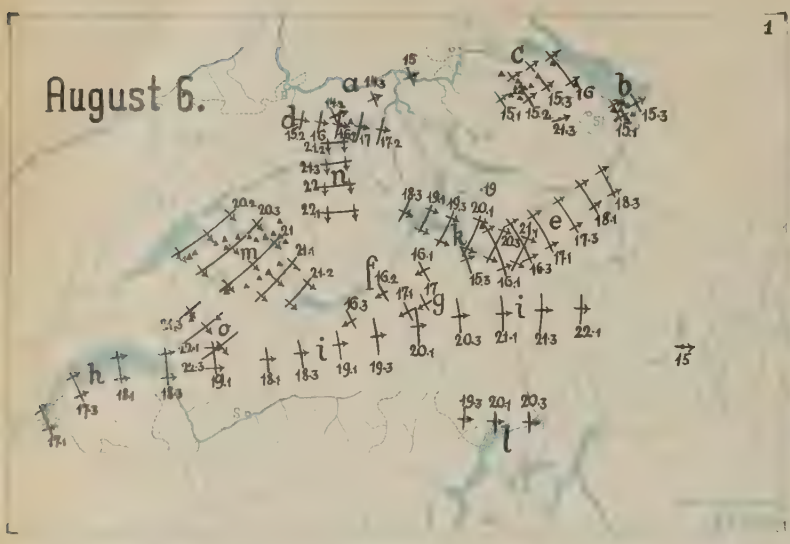


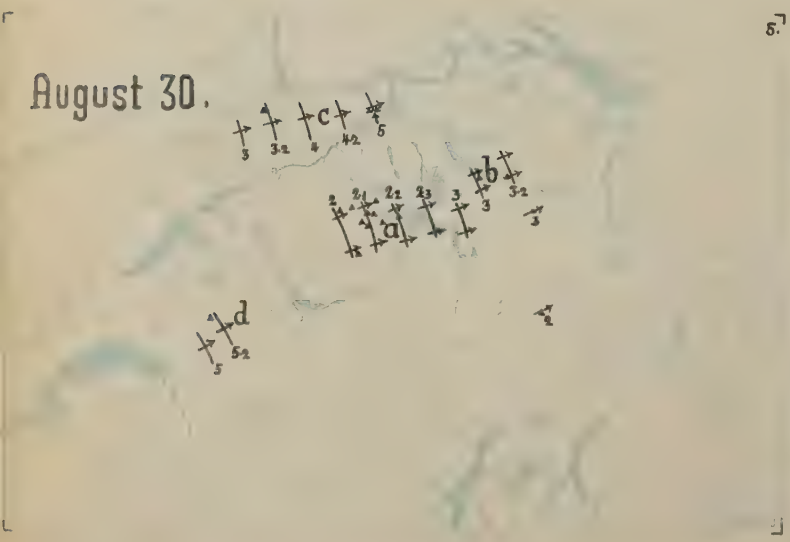


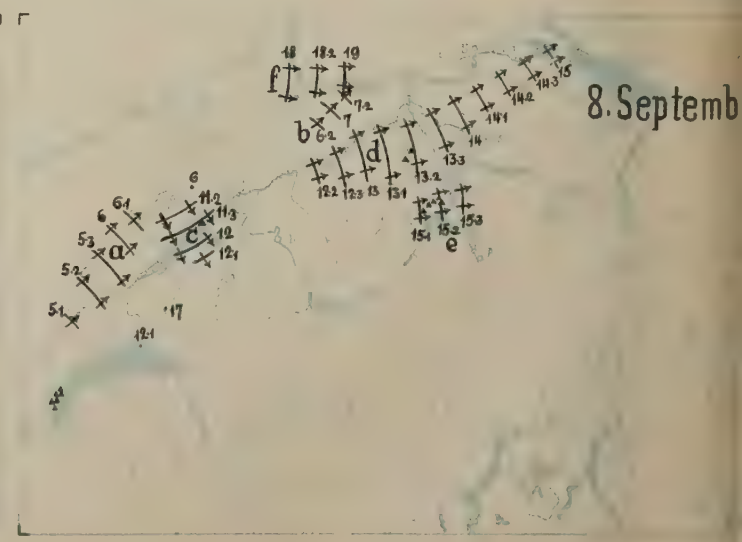


ANSTALT GEBRÜDER FREY, ZÜRICH II.

Graphische Darstellung der Hauptgewittertage im Jahre 1918.







GRAPH. ANSTALT GEBRÜDER FREY ZÜRICH II

Nr. 4.

Ergebnisse der Registrierungen des Sonnenscheinautographen im Jahr 1918

auf den Stationen:

Lugano, Genf*), Lausanne*), Clarens, Siders, Chaux-de-Fonds, Mont Soleil (ob St. Imier), **Neuchâtel, Bern, Luzern*), Basel*), Wintersingen** (Baselland), **Hallau, Haidenhaus, Zürich, Plantahof** (b. Landquart), **Davos, Arosa, St. Moritz und Säntis.**

*) Basel (Bernoullianum) besitzt seit Januar 1908 einen neuen Sonnenscheinautographen (Modell Negretti & Zambra); Genf desgleichen seit 15. Januar 1909, Lausanne seit Anfang Januar 1909 und Luzern seit Beginn 1910.

Die nachstehenden Tabellen geben einerseits für jeden Tag des Jahres eine synoptische Uebersicht der Sonnenscheindauer an den verschiedenen Stationen, anderseits die Monats- und Jahressummen der klimatischen Hauptgebiete unseres Landes.

Monats- und Jahressummen der Sonnenscheindauer in Stunden.

1918	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuchâtel	Bern	Luzern	Basel	Winter-singen	Hallau	Haiden-haus	Zürich	Plantahof	Davos	Arosa	St. Moritz	Säntis
Januar	133	62	71	56	102	116	136	46	85	73	97	103	61	98	75	106	114	126	107	147
Februar	205	120	135	135	152	141	157	113	115	83	128	121	82	74	84	133	140	152	173	167
März	171	221	214	186	200	189	193	187	188	180	177	159	176	168	180	170	172	167	166	171
April	57	133	111	82	132	50	59	89	74	87	80	67	95	91	85	135	112	103	107	153
Mai	236	305	279	213	255	215	209	272	250	236	247	223	225	225	232	219	198	179	197	172
Juni	238	290	272	214	221	221	201	244	237	212	239	211	197	194	220	181	158	161	162	128
Juli	275	341	315	247	278	245	233	288	277	266	272	241	242	240	255	220	205	210	239	186
August	282	320	289	238	257	233	238	270	251	232	266	242	232	198	226	195	195	194	213	167
September	186	177	141	114	132	118	125	144	143	145	135	118	125	126	143	132	158	150	155	142
Oktober	122	145	141	136	127	130	127	114	108	82	122	107	94	79	82	109	111	111	101	131
November	116	35	58	62	101	108	106	61	69	30	80	78	48	48	49	107	129	128	115	151
Dezember	99	45	58	53	52	48	55	28	53	36	48	39	26	30	36	60	72	66	77	61
Jahr	2120	2194	2084	1736	2009	1814	1839	1856	1850	1662	1891	1709	1603	1571	1667	1767	1764	1747	1812	1776

1918. **Tägliche Dauer des Sonnenscheins in Stunden.**

Januar

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	5.9	0.0	2.1	1.8	0.0	0.0	0.0	5.4	5.7	7.8
2	6.9	0.0	4.1	4.7	0.0	0.0	0.0	0.0	5.4	8.4
3	6.9	1.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
4	6.1	7.3	4.0	7.4	6.7	3.0	4.8	3.4	1.5	5.4
5	6.9	4.6	3.8	6.7	4.5	1.8	7.1	5.8	5.5	8.6
6	0.4	6.1	5.5	6.7	1.5	3.2	6.4	2.5	5.3	6.9
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	5.8	0.6	1.6	0.0	1.2	3.6	2.9	4.8	0.8	0.0
10	5.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
11	7.1	4.4	5.1	0.0	1.2	7.2	3.1	0.7	0.0	0.0
12	3.8	0.4	3.0	4.0	4.4	5.8	6.1	5.9	4.8	7.7
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
14	7.2	7.5	5.6	4.4	5.0	6.5	7.5	7.4	5.7	7.9
15	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.1	0.0
17	1.0	6.0	2.6	4.7	3.9	0.5	2.7	1.5	1.8	1.5
18	0.0	1.3	0.1	0.5	0.1	0.1	0.1	0.0	0.0	0.0
19	0.0	4.7	3.3	3.6	3.4	4.1	3.3	3.3	3.2	4.6
20	0.0	6.1	4.8	6.3	5.3	7.4	6.3	6.5	5.4	7.9
21	0.0	3.4	5.7	1.4	4.6	6.7	1.0	4.8	5.7	6.7
22	0.0	0.0	0.1	0.0	1.0	1.8	0.8	1.7	1.1	2.4
23	0.6	0.0	0.3	0.3	0.4	0.5	0.0	0.0	3.1	0.7
24	7.6	5.4	6.2	8.1	8.2	7.3	7.2	7.5	6.0	6.5
25	7.6	0.0	6.3	8.3	7.1	2.1	7.7	3.6	6.0	9.1
26	7.7	0.0	6.5	8.4	7.3	1.1	7.7	2.0	6.1	9.1
27	7.8	0.0	6.4	8.1	6.9	5.3	6.8	4.7	6.2	9.3
28	7.9	0.0	6.2	8.4	7.1	4.9	6.3	3.2	6.2	9.1
29	8.1	0.0	6.1	7.7	5.0	0.0	4.9	0.0	6.3	9.1
30	7.8	0.0	6.5	6.6	0.0	0.0	0.0	0.0	6.4	8.8
31	8.1	0.0	6.3	8.3	0.0	0.0	4.2	0.0	6.5	9.3
Mittel	4.3	2.0	3.3	3.7	2.7	2.4	3.1	2.4	3.7	4.7

Februar

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	8.2	0.0	6.6	8.6	0.1	0.0	8.1	0.0	6.5	9.7
2	8.4	0.0	6.7	8.6	3.8	0.0	8.1	0.0	6.6	9.5
3	8.4	0.0	6.9	8.7	3.0	0.0	7.9	0.0	6.5	9.6
4	8.5	0.0	6.7	8.0	5.9	1.9	8.1	4.5	6.6	9.5
5	8.5	0.0	6.7	8.3	5.5	0.0	8.0	0.0	6.6	9.7
6	1.4	0.8	0.0	0.3	0.2	0.0	1.2	0.4	0.0	0.8
7	8.5	6.2	2.5	0.8	0.6	2.1	1.3	0.5	4.7	0.5
8	8.6	7.5	6.2	4.6	5.6	5.4	1.1	3.0	6.7	4.6
9	5.1	2.2	5.4	0.9	3.1	3.9	2.1	2.8	3.3	2.5
10	7.7	7.9	6.8	4.8	7.6	7.6	6.5	7.7	6.5	9.0
11	8.7	7.7	7.0	8.0	8.5	8.1	4.8	8.8	6.9	8.7
12	8.8	7.8	7.0	7.8	8.8	8.4	8.5	9.1	6.8	9.4
13	6.3	5.3	6.0	3.7	5.2	5.4	2.6	5.0	6.5	7.0
14	0.0	1.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	9.0	7.8	7.1	5.6	4.8	0.0	0.3	2.8	4.9	5.0
16	7.1	6.8	7.0	9.4	9.3	9.0	9.2	8.8	7.0	8.7
17	4.6	7.7	6.9	7.3	5.8	4.7	6.4	5.5	4.1	4.7
18	9.2	8.5	7.0	9.0	6.7	3.4	8.0	2.9	7.1	9.9
19	8.4	4.1	7.0	7.5	6.1	1.8	8.5	1.6	7.2	10.0
20	9.0	7.0	7.2	8.6	6.8	7.0	8.8	6.0	7.2	10.2
21	5.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0
22	8.0	6.2	2.0	0.0	1.5	1.7	0.3	1.9	1.0	0.0
23	9.6	8.4	7.2	0.6	4.5	0.0	0.0	0.0	0.0	0.0
24	9.3	3.7	7.4	9.0	0.0	0.0	7.7	3.0	7.5	10.4
25	8.7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.9	0.0
26	9.8	5.5	7.6	7.8	8.1	5.8	9.1	7.6	6.3	9.9
27	9.9	6.7	7.4	3.0	3.1	6.7	0.7	2.4	6.7	7.1
28	10.0	0.2	1.3	0.0	0.0	0.3	0.0	0.1	3.4	0.6
Mittel	7.3	4.3	5.4	5.0	4.1	3.0	4.6	3.0	5.0	6.0

März

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
3	0.6	5.0	5.8	5.1	6.0	2.7	3.2	2.9	2.2	3.2
4	0.0	8.2	8.4	0.0	0.9	0.0	0.0	0.2	6.1	7.2
5	6.6	4.7	7.9	8.1	3.3	5.3	8.1	5.5	8.1	8.6
6	0.0	7.9	8.5	9.0	8.0	9.3	5.4	7.7	2.1	3.4
7	0.0	9.3	8.4	7.4	4.6	2.0	0.0	0.0	5.0	3.5
8	0.0	6.4	8.2	8.1	6.0	4.2	7.6	5.7	5.7	9.6
9	10.4	8.8	8.7	9.6	8.6	9.3	9.5	7.5	7.3	3.9
10	9.8	9.5	7.5	8.7	9.6	9.5	9.1	9.6	7.2	7.3
11	7.6	9.7	8.8	9.5	9.9	9.5	8.1	9.5	8.6	2.4
12	3.8	10.1	8.9	9.3	9.7	9.9	9.2	10.0	9.2	10.1
13	10.6	10.4	8.9	9.6	10.6	9.9	9.0	10.4	9.4	9.8
14	8.8	9.5	8.9	9.9	7.2	6.2	7.9	7.1	5.4	6.9
15	0.0	8.9	0.1	0.5	0.5	0.0	0.0	0.0	0.0	0.0
16	0.0	3.5	6.5	8.0	6.0	7.5	9.7	8.9	8.9	10.8
17	10.1	8.5	8.3	9.0	9.8	9.8	10.2	10.3	9.4	10.6
18	10.8	10.2	9.3	10.5	10.8	10.2	10.4	10.5	9.5	10.9
19	7.0	3.8	3.4	1.4	1.8	4.7	2.5	4.4	7.6	6.9
20	2.8	0.7	1.9	0.0	3.4	4.4	0.4	2.7	3.1	2.8
21	10.6	10.5	8.9	2.2	4.8	6.7	2.9	5.8	0.4	7.7
22	7.6	10.8	8.9	6.0	6.0	1.6	1.7	0.0	3.6	0.7
23	5.0	7.2	4.6	10.0	8.9	6.7	8.2	7.1	6.0	0.5
24	11.1	10.3	9.4	10.8	10.9	10.5	10.3	11.0	9.0	10.9
25	10.1	6.7	5.9	9.7	10.0	5.4	10.2	9.6	4.4	1.0
26	10.6	10.5	6.8	1.4	2.6	0.0	5.7	0.2	1.6	2.0
27	11.1	9.6	9.8	10.8	10.5	9.8	9.9	10.6	9.0	10.6
28	6.3	10.3	7.2	8.4	7.8	10.6	8.7	10.2	8.2	9.8
29	0.0	6.0	4.4	1.8	5.0	7.4	5.2	6.9	3.1	2.2
30	10.0	3.4	3.6	4.1	4.2	5.2	4.0	4.2	6.5	4.7
31	0.0	0.9	2.2	0.0	0.4	1.6	0.2	1.7	5.2	3.1
Mittel	3.5	7.1	6.5	6.1	6.1	5.8	5.7	5.8	5.5	5.5

April

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	0.0	4.0	0.5	1.2	0.8	0.0	0.6	0.0	4.8	0.0
2	0.0	5.4	1.9	0.0	3.3	2.5	2.4	1.7	4.4	1.6
3	6.1	7.1	7.1	6.3	6.5	8.9	7.2	7.6	8.8	7.9
4	0.0	4.1	4.6	0.1	1.6	7.6	5.4	7.9	8.2	8.9
5	0.0	5.0	4.3	0.0	1.0	2.8	2.3	3.9	1.4	4.4
6	10.4	6.8	2.6	1.6	1.5	1.6	2.0	1.9	1.1	0.0
7	3.3	0.2	4.1	0.0	0.5	1.2	1.7	1.5	1.9	1.9
8	0.0	2.5	5.2	0.0	0.0	0.0	0.0	0.0	3.5	7.0
9	0.0	3.4	0.0	0.5	5.1	2.2	0.5	0.7	3.7	5.4
10	0.0	1.6	3.2	0.0	2.1	2.3	0.0	1.6	1.7	5.6
11	0.0	10.8	9.1	5.6	10.1	10.7	7.4	10.2	8.9	8.4
12	0.0	7.4	8.1	4.7	4.8	5.7	7.7	5.9	5.1	7.0
13	0.0	4.6	2.3	2.2	2.7	4.0	4.7	5.5	1.4	7.8
14	0.0	7.4	7.2	5.6	5.8	5.5	7.3	6.3	5.7	10.3
15	5.8	1.0	6.4	0.0	0.8	0.3	0.0	0.0	1.1	4.0
16	3.0	0.5	3.4	0.0	0.0	0.1	0.0	0.0	0.0	0.3
17	3.0	7.6	4.4	0.0	0.1	0.0	2.1	0.0	5.7	12.5
18	0.0	1.5	3.0	0.0	0.1	0.0	0.9	1.7	3.5	5.4
19	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	4.2	0.0	1.8	0.3	0.3	0.0	0.0	0.0	1.9	9.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6
22	9.7	0.0	0.0	0.0	0.0	1.4	0.0	1.9	7.4	5.9
23	7.4	5.8	9.6	0.4	0.8	0.4	0.6	0.1	4.4	2.2
24	1.3	8.4	8.1	0.0	1.1	2.8	0.1	1.3	8.7	6.8
25	0.0	12.8	11.4	11.6	8.9	9.6	10.3	9.1	2.8	10.4
26	0.0	13.1	12.1	9.1	13.2	13.2	11.9	13.0	8.2	11.4
27	0.0	10.5	4.7	1.1	2.6	4.3	4.5	1.1	0.0	0.1
28	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.8	0.0
29	0.0	0.6	2.2	0.0	0.0	0.1	0.4	1.4	3.3	0.5
30	2.4	1.2	2.2	0.0	0.2	0.0	0.0	0.8	2.8	0.0
Mittel	1.9	4.4	4.4	1.7	2.5	2.9	2.7	2.8	3.7	5.1

Tägliche Dauer des Sonnenscheins in Stunden. 1918.

Mai

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	9.3	8.5	2.3	0.0	0.6	0.0	0.9	0.0	2.3	0.1
2	9.9	12.1	10.9	8.1	8.3	8.1	6.9	6.7	7.3	8.9
3	11.3	9.3	10.6	11.2	12.1	13.2	11.9	12.6	11.0	13.5
4	9.8	7.3	6.0	8.0	8.5	11.6	9.4	8.6	9.4	11.4
5	0.0	0.7	0.3	0.5	1.5	4.3	0.6	2.6	0.8	1.5
6	0.0	1.4	1.9	0.9	1.8	2.9	0.8	3.7	5.0	7.4
7	0.0	1.4	2.9	1.3	5.0	8.1	4.5	1.2	4.2	7.2
8	2.8	1.2	4.0	0.0	1.3	2.8	0.1	0.2	0.8	0.0
9	10.6	10.3	8.3	2.1	5.4	3.9	7.8	4.3	2.9	0.2
10	11.7	13.7	10.2	6.3	7.8	6.3	8.7	8.1	10.4	5.9
11	0.0	8.6	8.0	3.3	4.3	7.5	7.1	7.8	9.7	9.1
12	2.6	9.0	5.5	3.7	5.7	1.4	4.7	2.4	3.2	0.0
13	8.4	9.6	9.1	2.5	5.4	8.0	4.3	5.9	10.2	7.6
14	0.4	5.4	0.0	1.9	2.6	0.1	3.4	0.2	0.9	0.0
15	12.5	12.2	11.3	6.8	8.5	3.4	2.7	4.4	1.9	1.3
16	12.0	13.5	11.7	6.8	10.4	7.1	13.6	6.8	10.5	13.7
17	7.3	14.0	9.3	8.4	12.2	7.1	14.1	13.1	11.4	11.9
18	9.5	8.4	9.8	6.9	8.4	13.4	8.6	10.1	8.9	7.3
19	10.1	14.0	11.5	11.5	11.5	11.6	10.6	10.3	11.9	9.5
20	8.6	14.0	11.2	13.2	13.9	14.0	13.6	13.4	9.3	8.9
21	10.4	9.7	10.4	8.9	10.8	10.5	13.4	12.7	10.5	9.2
22	12.8	14.2	12.8	12.6	14.1	14.3	13.6	13.6	12.0	9.6
23	12.3	13.8	11.5	9.4	13.0	10.4	12.6	11.2	11.4	0.0
24	12.2	11.8	10.6	11.4	8.2	8.4	9.6	6.1	5.4	4.9
25	12.9	8.3	11.1	7.5	7.9	8.5	10.8	8.1	2.7	0.0
26	11.8	9.5	8.9	7.0	9.8	9.3	6.1	4.7	1.5	0.1
27	0.0	8.6	6.6	10.9	8.8	3.3	4.5	9.6	0.9	0.3
28	7.4	14.3	12.3	10.5	10.7	8.4	11.6	11.0	2.1	2.8
29	2.7	13.1	10.0	6.8	5.5	4.2	7.4	4.8	0.1	1.8
30	7.1	12.8	3.3	12.3	12.4	10.0	8.9	13.7	7.6	7.1
31	10.0	14.2	12.2	14.0	13.8	13.6	13.8	13.9	11.8	10.7
Mittel	7.6	9.8	8.2	6.9	8.1	7.6	8.0	7.5	6.4	5.5

Juni

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	12.9	14.5	13.2	13.5	14.2	14.0	13.4	12.2	8.2	7.9
2	12.9	14.4	12.7	13.9	14.0	10.7	13.9	13.5	12.2	10.8
3	10.4	14.4	11.5	13.5	13.0	11.7	14.1	13.9	11.0	8.5
4	11.3	14.3	12.4	10.7	11.4	4.6	9.4	7.8	4.5	0.0
5	3.5	14.0	8.3	11.6	11.7	7.8	9.9	9.3	0.1	0.3
6	12.9	14.5	12.2	13.8	14.4	13.5	14.5	14.0	11.7	4.8
7	13.2	14.3	12.3	12.5	14.3	14.6	13.6	13.9	11.5	10.9
8	13.2	14.5	10.5	10.9	12.7	14.3	12.6	12.3	8.0	7.5
9	12.6	14.0	13.2	12.2	13.8	12.7	14.4	13.4	10.6	12.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1
11	0.0	0.2	7.1	0.0	0.0	0.0	2.7	3.7	1.0	6.6
12	0.0	10.7	0.0	8.1	0.6	0.0	5.9	0.1	0.0	0.0
13	9.9	13.5	9.1	12.8	12.6	12.4	13.0	12.0	4.5	6.0
14	11.9	14.6	13.0	14.2	14.0	13.5	14.5	13.9	12.4	13.0
15	0.0	3.1	0.8	2.5	1.9	3.0	2.7	4.8	2.3	3.4
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
17	0.0	0.0	0.8	0.0	0.0	0.0	0.1	0.0	4.5	1.6
18	0.0	9.3	0.3	2.8	2.6	2.8	5.6	3.0	0.0	0.0
19	9.9	2.6	3.9	3.9	5.1	9.2	7.5	6.6	10.6	9.7
20	7.6	2.2	3.2	1.6	1.3	1.1	2.5	2.8	0.0	0.0
21	6.2	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0
22	13.5	10.8	5.9	3.8	4.9	4.3	2.7	2.5	0.1	0.0
23	13.2	9.1	8.2	6.9	9.0	8.4	8.6	5.7	6.3	0.0
24	11.2	10.6	7.9	6.9	6.5	7.4	6.3	6.2	5.7	5.5
25	8.4	10.6	10.4	6.6	9.4	7.9	8.0	9.3	5.8	0.5
26	4.5	13.6	10.3	3.7	4.4	4.6	6.0	4.5	7.5	4.8
27	6.3	19.9	5.9	8.1	8.7	4.5	5.8	4.3	0.5	0.3
28	12.8	13.6	11.7	8.9	12.5	10.6	13.9	13.4	11.9	8.8
29	8.6	12.5	4.2	5.4	10.6	8.1	6.9	4.7	0.7	2.7
30	10.7	14.5	11.8	13.2	13.3	10.7	9.6	11.8	5.1	2.0
Mittel	7.9	9.7	7.4	7.4	7.9	7.1	8.0	7.3	5.3	4.3

Juli

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	5.8	13.0	9.2	13.8	14.6	13.9	14.8	14.4	12.3	10.5
2	9.8	12.7	11.4	13.3	13.7	10.7	12.5	7.7	1.1	5.2
3	4.7	8.9	0.4	1.2	2.1	1.6	3.8	1.2	0.0	0.0
4	10.8	8.7	6.2	0.0	1.3	0.1	0.3	0.0	0.0	0.0
5	5.8	7.5	11.1	6.4	7.9	3.4	9.7	8.3	4.0	0.4
6	7.9	12.3	5.0	4.8	3.6	2.2	2.6	0.1	1.5	1.4
7	13.2	14.6	12.7	14.0	14.1	13.8	13.8	14.0	8.7	5.3
8	6.4	14.1	11.2	14.1	13.9	14.2	14.3	13.6	12.3	12.2
9	0.0	2.8	4.5	0.9	1.0	5.2	4.1	3.9	6.0	6.6
10	0.0	5.3	1.0	0.0	1.7	0.1	1.6	0.0	0.5	2.2
11	5.5	12.9	11.4	8.5	5.0	6.8	8.1	5.6	6.5	8.3
12	9.0	13.6	11.2	12.8	13.6	12.0	12.6	12.8	9.3	6.3
13	12.8	13.1	12.4	5.0	9.9	8.6	3.2	7.8	7.2	4.9
14	4.4	0.9	0.4	0.4	1.0	4.8	1.3	1.3	4.0	4.2
15	13.0	13.8	11.5	7.9	11.9	10.6	12.1	11.3	10.1	8.8
16	12.6	14.0	12.5	14.1	14.2	14.5	13.7	13.7	10.9	11.5
17	12.7	12.4	12.2	12.5	12.6	13.3	13.6	13.0	12.3	12.9
18	10.2	11.5	11.7	2.3	5.3	8.8	5.5	8.6	7.0	7.7
19	12.9	14.5	12.7	14.0	14.3	12.8	14.5	12.7	9.2	10.3
20	7.2	11.8	10.8	11.9	14.3	13.1	12.7	12.8	10.0	12.1
21	11.4	14.2	12.5	8.9	11.3	10.0	9.5	11.3	9.2	8.3
22	9.3	12.8	5.4	10.0	12.3	13.2	13.4	10.7	7.6	10.4
23	3.3	1.5	0.5	0.6	1.7	2.8	2.1	1.6	0.6	0.0
24	12.2	14.3	12.4	11.5	13.7	7.9	13.2	12.1	10.1	7.0
25	7.4	11.5	11.9	7.3	8.5	6.7	10.9	7.3	6.9	0.0
26	5.1	12.6	11.3	5.9	9.1	7.2	7.2	4.9	0.0	0.4
27	11.9	6.4	5.3	2.6	3.3	8.5	4.4	5.9	2.7	0.0
28	12.5	6.7	2.2	1.0	0.1	0.0	0.1	0.0	0.0	0.0
29	12.5	14.0	12.1	12.3	13.7	10.6	10.0	10.5	10.6	6.5
30	12.5	14.1	12.1	13.6	14.0	14.2	13.0	13.7	12.1	11.4
31	11.7	14.1	12.8	13.6	13.6	14.0	13.5	13.7	11.9	12.0
Mittel	8.8	11.0	9.0	7.9	8.9	8.5	8.8	8.2	6.6	6.0

August

Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	11.3	12.7	11.9	12.7	12.5	13.6	13.1	13.5	11.9	13.5
2	0.1	0.0	0.0	0.0	0.0	2.1	0.6	2.3	3.8	4.3
3	0.0	8.7	4.9	4.4	4.9	1.7	6.9	1.7	0.0	0.8
4	6.4	4.3	1.3	2.4	0.9	2.1	3.7	2.1	0.0	0.0
5	9.0	9.9	2.4	1.4	2.9	1.1	0.6	0.3	1.4	0.1
6	2.1	8.5	7.2	4.4	5.0	8.1	5.1	6.2	4.1	0.6
7	12.5	6.4	2.9	1.2	0.3	1.4	0.4	2.3	0.3	0.0
8	12.5	12.4	11.0	9.1	11.2	12.9	12.5	11.9	6.1	2.8
9	3.5	2.6	1.4	0.0	0.8	0.0	1.5	0.2	0.2	0.0
10	12.4	13.7	12.4	6.4	4.9	3.3	11.9	3.1	0.7	0.5
11	12.3	13.6	11.9	13.4	13.3	10.6	10.6	12.8	10.1	11.4
12	11.7	5.4	7.9	5.6	9.6	10.9	12.5	12.0	11.6	10.1
13	11.1	12.2	9.0	8.1	7.9	5.6	7.7	5.9	2.3	0.0
14	12.2	13.3	11.9	13.0	12.6	8.5	12.1	9.7	9.2	11.1
15	11.4	13.0	9.9	12.9	12.2	12.2	12.9	10.5	10.6	10.1
16	11.1	11.2	9.7	10.9	10.6	11.3	10.8	10.3	11.3	11.1
17	9.1	10.8	9.4	4.3	7.0	7.4	6.4	4.1	7.9	2.7
18	11.0	13.2	10.1	10.3	12.3	8.0	10.3	8.2	8.5	1.9
19	11.9	13.1	11.3	10.5	10.0	8.7	10.6	7.4	7.8	0.6
20	12.2	13.3	11.8	9.6	13.0	12.5	11.3	13.1	8.3	11.6
21	8.4	13.2	11.9	12.7	12.8	12.7	13.3	13.1	11.3	13.0
22	12.0	12.6	11.8	10.6	12.4	12.0	10.8	12.4	11.5	12.3
23	11.7	13.1	10.7	12.6	12.6	11.3	12.6	10.5	11.3	11.6
24	6.0	4.1	2.0	1.8	4.9	2.5	3.4	2.4	8.2	7.3
25	11.7	12.0	8.2	4.4	7.2	7.2	8.6	7.1	3.4	4.6
26	6.4	12.3	10.5	9.6	7.4	6.2	10.8	4.8	8.4	0.0
27	9.2	12.1	10.1	10.3	12.0	10.0	11.5	9.3	4.5	2.5
28	8.6	11.9	9.7	7.4	11.7	11.6	11.9	12.2	9.4	11.4
29	4.2	5.4	6.3	5.4	2.4	1.5	7.0	4.6	1.0	0.1
30	8.6	12.4	7.9	5.7	5.7	3.1	6.5	2.7	0.0	1.0
31	11.2	12.8	10.3	12.0	10.5	11.7	8.2	9.2	9.5	10.4
Mittel	9.1	10.3	8.3	7.5	8.1	7.5	8.6	7.3	6.3	5.4

1918. **Tägliche Dauer des Sonnenscheins in Stunden.**

September											Oktober									
Tag	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis	Lugano	Genf	Siders	Chaux-de-Fonds	Bern	Luzern	Basel	Zürich	Davos	Säntis
1	10.2	9.8	8.2	6.4	10.5	11.7	3.4	11.4	10.4	10.0	4.1	9.0	1.2	3.8	5.5	2.5	6.1	3.8	1.2	0.1
2	3.5	4.0	0.6	3.8	4.8	1.2	6.2	3.3	0.1	0.0	6.3	10.9	8.1	9.7	10.4	6.2	8.7	6.8	2.1	3.2
3	11.7	11.5	10.1	5.6	6.6	6.9	6.5	3.9	8.6	0.4	10.0	9.7	8.4	10.0	10.0	8.8	8.1	9.0	4.8	5.0
4	6.7	12.3	10.3	9.0	11.6	11.7	11.1	11.5	9.8	11.9	5.3	6.4	7.6	5.4	6.4	3.3	8.5	4.5	8.3	8.5
5	7.1	7.4	8.1	0.2	6.1	8.1	0.5	6.0	8.5	7.1	9.3	9.4	6.6	6.7	5.3	3.2	5.0	4.3	3.1	0.3
6	4.6	7.6	4.2	2.3	2.0	2.4	3.5	3.6	0.5	0.0	9.1	1.7	0.2	1.1	4.4	4.2	5.1	3.5	6.8	7.8
7	8.4	6.2	4.6	3.2	3.9	8.8	6.4	8.2	7.9	8.3	8.6	10.2	7.9	8.6	7.5	9.2	9.0	9.1	7.1	7.4
8	2.6	6.9	2.7	4.1	3.6	3.2	2.8	3.0	0.2	0.6	5.2	2.3	0.3	0.0	0.0	0.0	0.3	0.0	2.3	0.0
9	3.8	0.1	0.0	0.0	0.0	0.4	0.1	1.2	0.3	0.0	3.3	8.5	5.1	0.2	2.5	0.0	1.9	1.0	0.4	0.0
10	7.2	3.6	4.9	2.6	5.0	6.5	1.8	4.7	7.5	6.4	4.9	6.6	7.8	4.1	0.0	0.0	0.5	0.0	8.1	10.3
11	5.7	0.3	0.2	0.0	0.7	2.8	0.9	0.5	2.0	1.5	0.0	4.9	0.5	8.8	0.0	0.0	6.7	0.0	1.2	2.3
12	5.1	1.1	0.7	4.0	0.2	0.1	4.8	0.6	1.5	0.0	0.0	5.3	5.2	4.4	5.4	4.8	5.3	4.9	7.9	7.5
13	11.4	12.1	10.6	5.6	10.6	7.0	9.8	7.2	5.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.7	2.6
14	11.0	11.7	10.3	9.2	9.5	9.5	10.9	11.0	9.7	10.9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	11.3	11.7	10.1	10.8	11.3	11.2	10.7	11.2	10.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	11.2	11.3	10.1	11.3	10.8	11.1	11.0	11.5	10.0	10.7	0.0	3.4	0.2	0.0	1.4	0.2	0.3	0.0	0.0	0.6
17	9.7	8.6	3.0	3.3	3.6	6.9	6.2	6.9	8.8	6.5	0.0	8.2	3.1	3.1	2.0	0.9	2.3	0.0	2.1	4.1
18	5.5	3.3	2.2	2.2	2.0	2.9	3.4	2.7	7.1	4.4	3.4	3.1	7.3	5.2	0.0	0.0	0.0	0.0	3.2	5.7
19	8.0	0.5	3.2	1.0	2.7	4.1	2.4	3.1	4.8	1.8	0.0	6.3	5.6	1.8	1.4	1.8	0.9	0.3	2.3	6.9
20	1.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.4	0.0	0.0	2.0	0.2	0.2	0.1	2.6	2.1
21	9.1	10.2	7.7	10.4	8.5	9.9	10.7	8.3	8.8	10.3	3.0	9.3	6.1	9.2	9.5	9.2	9.4	6.8	7.3	9.4
22	1.2	0.0	1.2	0.8	2.7	0.0	0.2	3.1	5.3	6.5	0.0	0.0	0.0	0.6	2.0	1.2	0.7	1.5	4.1	0.8
23	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.2	0.9	0.0	0.8	5.0	6.3	4.8	5.0	7.3	5.2	5.4	8.3
24	0.0	0.5	3.1	0.0	0.0	0.0	0.0	0.0	0.1	1.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
25	4.0	6.6	0.1	4.3	3.0	1.5	6.3	2.4	3.2	6.7	6.2	6.1	5.7	0.0	0.6	0.0	0.0	0.0	1.5	0.0
26	10.2	8.9	8.7	9.9	7.2	6.1	8.1	6.3	9.6	9.3	9.9	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.0	10.2	2.3	6.0	4.5	2.4	4.7	2.3	2.3	4.2	7.8	8.9	6.8	8.1	8.2	7.5	6.6	6.7	5.0	4.3
28	6.3	4.1	1.7	0.3	1.5	2.3	1.2	3.6	3.7	1.7	6.1	6.9	6.2	8.0	7.9	6.7	7.0	8.4	6.9	9.2
29	8.4	6.1	2.7	1.7	9.7	5.8	1.0	5.8	8.1	5.6	5.3	6.6	6.2	8.4	7.1	6.7	6.8	5.8	2.1	3.7
30	0.0	0.3	0.2	0.0	0.0	0.5	0.1	0.1	2.1	3.2	7.1	0.0	6.6	8.3	2.1	0.0	7.8	0.0	6.8	9.9
31											6.8	0.3	6.6	8.0	2.0	0.0	7.6	0.0	6.8	9.9
Mittel	6.2	5.9	4.4	3.9	4.1	4.8	4.5	4.8	5.3	4.7	3.9	4.7	4.1	4.2	3.5	2.6	3.9	2.6	3.6	4.2

November											Dezember									
1	4.1	3.9	1.7	1.6	2.2	0.4	4.6	1.8	4.6	5.8	7.1	4.1	5.5	7.8	7.3	2.5	0.0	5.0	5.1	6.6
2	4.8	0.0	3.5	2.2	0.1	1.1	4.2	0.6	5.3	7.1	5.6	4.8	3.3	5.6	3.7	0.6	4.7	0.0	5.6	7.0
3	3.7	0.0	2.6	3.5	3.9	2.8	5.1	0.2	5.2	4.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.2
4	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.0	2.2	1.8	4.4	6.5	4.3	2.2	3.2	4.6	1.1	1.4	0.0	3.6
5	4.8	0.0	6.4	8.2	3.3	3.3	6.9	1.1	3.6	7.1	7.0	0.0	5.7	6.7	4.6	0.0	6.6	4.4	4.8	3.0
6	0.0	0.8	4.2	0.0	0.0	0.3	0.2	0.0	5.8	0.9	3.4	0.0	3.4	6.4	4.6	0.0	6.5	0.0	3.8	5.7
7	0.0	1.2	0.3	2.6	3.0	4.4	0.6	3.2	1.2	2.6	4.5	2.0	3.1	4.3	3.6	0.0	5.7	4.1	2.5	6.6
8	0.0	1.4	6.4	4.4	4.9	4.1	4.0	2.2	3.2	7.0	1.7	0.0	4.4	0.6	2.0	0.0	1.7	0.0	4.9	5.5
9	2.8	0.0	3.8	0.1	0.0	0.0	0.0	0.0	4.5	4.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	8.4	0.0	6.4	0.7	0.8	0.0	0.0	0.0	5.5	7.6	0.0	0.0	0.2	0.0	1.1	0.0	0.3	0.1	5.0	0.0
11	8.1	4.8	6.2	6.2	4.1	4.4	5.1	2.6	6.3	8.9	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.9	0.8	0.0
12	8.3	0.0	6.0	2.6	3.1	0.0	0.0	0.0	3.0	1.0	0.0	0.0	0.5	0.1	0.5	2.9	0.7	1.2	2.5	0.0
13	8.2	0.0	6.0	8.4	6.8	0.0	5.3	7.9	6.3	9.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	1.1	0.0	7.6	5.7	0.0	2.6	6.4	5.5	8.4	4.0	1.9	4.1	0.0	2.9	2.8	2.4	1.9	4.6	0.7
15	0.0	0.2	0.0	8.4	6.8	1.2	5.9	7.9	5.2	9.3	0.0	0.0	0.4	6.7	0.0	0.0	3.9	0.0	5.0	8.0
16	0.0	0.0	5.6	6.9	0.0	0.0	0.0	3.4	6.2	9.1	1.7	0.8	0.0	0.0	0.1	1.5	0.3	0.7	1.2	0.1
17	0.0	1.0	4.4	0.0	0.9	0.0	0.8	0.0	5.4	0.6	1.4	1.3	0.2	0.0	1.3	1.1	0.1	0.5	0.0	0.0
18	7.1	2.8	5.8	0.0	5.3	0.0	0.0	0.0	6.0	3.1	1.5	0.0	0.0	0.0	0.0	2.4	0.7	1.5	2.5	4.0
19	7.6	7.9	4.8	0.0	1.6	0.1	0.0	0.0	4.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
20	7.4	0.3	5.4	8.0	3.9	0.2	3.0	3.4	5.9	9.2	6.1	3.1	0.0	0.0	1.0	0.0	0.2	0.3	0.5	0.0
21	5.4	0.0	5.1	8.1	0.0	0.0	5.9	3.3	5.9	8.9	6.8	2.4	0.1	1.2	0.0	1.5	0.0	0.1	0.0	0.0
22	1.0	0.0	6.8	7.3	1.7	0.0	7.5	0.4	5.8	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.6	0.0	0.0	8.1	0.0	0.0	6.1	0.0	5.8	8.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	6.5	3.4	2.6	6.2	3.5	1.3	6.7	1.5	5.8	8.8	4.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
25	7.0	0.0	2.2	0.0	2.2	1.2	2.1	0.6	2.5	0.8	6.1	6.0	4.5	0.6	4.7	4.6	1.8	4.2	3.5	0.0
26	3.0	4.1	2.6	6.2	3.4	4.7	2.3	2.7	3.7	5.1	6.8	4.7	5.5	2.3	4.6	4.8	3.3	3.9	4.7	1.9
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	2.3	5.1	3.7	5.6	3.8	4.3	4.5	5.2	8.4
28	6.6	2.0	1.1	0.0	0.7	0.0	0.0	0.0	1.1	0.0	1.2	0.0	1.0	0.0	0.0	0.6	0.0	0.7	2.6	0.0
29	5.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	6.6	0.2	0.0	0.0	0.2	0.3	0.8	0.1	0.1	0.0
30	4.7	0.2	0.1	1.2	1.5	0.0	0.0	0.2	3.3	2.7	0.0	2.5	0.3	0.0	1.5	3.0	0.2	0.3	1.2	0.1
31											0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mittel	3.9	1.2	3.4	3.6	2.3	1.0	2.7	1.6	4.3	5.1	3.2	1.4	1.7	1.6	1.7	1.2	1.5	1.2	2.3	2.0

Nr. 5.

Jahresbericht 1918 des Erdbebendienstes

der Schweizerischen Meteorologischen Zentralanstalt.

1. Allgemeines (nebst Bemerkung über die Wahrnehmung der Explosion von Lyon).
2. Die 1918 in der Schweiz gespürten und die an der Erdbebenwarte Zürich registrierten Nahebeben, nebst Uebersicht der Fernbeben, von Dr. A. de Weck und Dr. A. de Quervain. (Mit 1 Tafel.)

Anhang

(als Teil Nr. 6 der Annalen):

Ueber den Einfluss der meteorologischen Zustände der Troposphäre auf die Ausbildung der anormalen Schallzone, von Dr. Hans Morf (Zürich).

1. Allgemeines.

Herr Assistent Dr. A. de Weck bearbeitete hauptsächlich die Beobachtungen, gemeinschaftlich mit dem Berichterstatter. An der Bureauarbeit beteiligte sich Frl. E. Steiner.

In der Besorgung des makroseismischen Dienstes trat keine Aenderung ein. Neben den laufenden Geschäften wurde von uns, insbesondere von Herrn de Weck, an der Erstellung einer Sammlung von Karten der schweizerischen Erdbeben im Masstab 1 : 1 000 000 gearbeitet, wobei z. T. auf die Originalbeobachtungen zurückgegangen wurde. Zunächst wurden diejenigen Jahrgänge vorgenommen, für welche in den veröffentlichten Erdbebenberichten seinerzeit überhaupt keine Karten beigegeben wurden; die Sammlung wird auf alle Jahre seit dem Beginn der Beobachtungen (1879) ausgedehnt werden.

Im Anhang (Nr. 6 der Annalen) wird eine grössere Arbeit von Dr. H. Morf (Zürich) veröffentlicht, welche entstanden ist im Anschluss an unsere frühern an dieser Stelle erschienenen Mitteilungen über die auffallenden Erscheinungen der Schallverbreitung und ihre Beziehung zu den meteorologischen Bedingungen. Diese Untersuchung, die z. T. von uns gesammeltes Material verwendet — möge es in absolutem Sinn das letzte dem Krieg entnommene sein! — dürfte einen erfreulichen Beitrag darstellen zur Erforschung einer Frage, die nun noch durch Friedensexperimente grossen Stils zu fördern wäre.

In diesem Zusammenhang ist anzuführen das von uns untersuchte Pseudo-Erdbeben vom 15. Oktober 1918, eine vom Publikum mehrfach als Erdbeben gedeutete Erscheinung, die sich aber als von einer grossen Munitionsexplosion bei Lyon herrührend herausstellte. Von den unten angeführten Orten erhielten wir auf unsern Aufruf positive Meldungen (wobei E Wahrnehmung als Erschütterung, S als Schall bedeutet). Sie sind eingegrenzt (s. Taf.) durch die äussersten Punkte: Les Avants sur Montreux E, S ($11^h 48^m$ abends) [Innenrand], Sierre S, Thun S, Olten S ($11^h 48^m$), La Chaux-de-Fonds E, S ($11^h 49^m$); in diesem Gebiet drin: Chalais (près Sierre) E, S; Gstaad E, S; Saanen E, S; Zweisimmen E, S; Boltigen E, S; Weissenburg (Bern) E; Uttigen E, S und Brenzikofen (bei Thun) E, S; Münsingen (Bern) E, S; Bern E, S ($11^h 51^m$); Bümplitz S; Fribourg E, S; Payerne E, S; Dompierre (Fribourg) S; Montet sur Cudrefin (Vaud) E, S ($11^h 53^m$); Aarberg E, S; Twann (Bern) E, S; Biel E, S ($11^h 47^m$); Wasen (Bern) S; Grosshöchstetten (Emmental) S. Ganz ausserhalb fern im Nordosten (am Bodensee) liegt der Meldungsort Rorschach S, in 410 km Abstand von der Schallquelle (und vielleicht auch Hof Oberkirch am oberen Zürichsee). Die Explosion wurde fast allgemein dreifach wahrgenommen, im Gesamtzeitraum von 5—10 Sekunden — freilich auch wesentlich länger dauernd angegeben. Die Intensität war so, dass in Aarberg ein neuer Fliegerangriff (nach dem vorangegangenen von Kallnach) vermutet wurde, und in Freiburg Fensterscheiben zersprungen sein sollen. Die Explosionszeit selbst war nach Zeitungsmeldungen $11^h 40^m$ abends M.-E. Z. (wohl etwas abgerundet); die oben angeführten Zeitangaben unserer Beobachter entsprechen also der Fortpflanzung durch die Luft, wie sich noch weiter erhärten lässt. Interessanterweise zeigen die Horizontalseismometer in Zürich ca. 10^m früher, nämlich um $11^h 38^m 13^s$ den Beginn ganz schwacher Erschütterungen, die vielleicht der Explosion entsprechen, und dann den durch die Erde fortgepflanzten Wellen zuzuschreiben wären. Die Laufzeit für diese Distanz (330 km) der P-Wellen wäre ca. 56 Sekunden, für die stärkere, wahrscheinlicher in Betracht kommenden S-Wellen $1^m 41^s$. So würde die Explosionszeit selbst auf $11^h 37^m$ oder wahrscheinlicher auf $11^h 36^m$ ca. 30^s zu legen

sein. Eine ziemlich übereinstimmende Zeit, nämlich $11^h 37^m 20^s$, erhält man nun im Mittel, wenn man die Zeitangaben derjenigen sechs Beobachter, die auf die Minute genau notieren, mit den entsprechenden Distanzen und der Schallgeschwindigkeit 333 m/sek. auf Lyon reduziert.

Was die Tätigkeit von Herrn Prof. Piccard und des Berichterstatters für die geplanten instrumentellen Neuerungen betrifft, suchten wir nach Möglichkeit die Ausführung des transportabeln Modells zu fördern, wobei allerdings beim Fabrikanten mancherlei mit den Kriegsverhältnissen zusammenhängende Hemmnisse immer wieder verzögernd wirkten. Eine gewisse Förderung bewirkte der Kriegszustand dagegen im folgenden: Nachdem Herr Piccard und der Berichterstatter in diesen Jahren in der Frage der akustischen Positionsbestimmung auf Aufforderung des Armeestabs mit Erfolg tätig gewesen waren, ergab es sich durch diese Beziehung, dass der Generalstab uns, resp. durch uns der Anstalt für die träge Masse des geplanten grossen Apparates ein entsprechendes Quantum (1100 Stück) von Stahlklötzen, die zur Herstellung von 15 ‰-Granaten bestimmt waren, zur Verfügung stellte mit der alleinigen Klausel, das Material für dringenden Bedarf im Kriegsfall wieder zur Verfügung zu halten.

Was die Aufstellungsfrage betrifft, hatten wir zunächst in Betracht gezogen, mit Rücksicht auf die höchst wünschenswerte konstante Temperatur einen der Souterrainräume des Physikgebäudes zu verwenden, der von dem Vorstand des Physikalischen Laboratoriums für unsere Zwecke zur Verfügung gestellt worden ist, und der sich als hinlänglich trocken zu halten gezeigt hatte. Dort ist schon unser elektrisches Pendel aufgestellt. Verschiedene Vorarbeiten, so die Sondierung des Untergrundes (kompakter Grundmoränenlehm mit kleinern Geschieben) und Setzung eines unabhängigen Pfeilers, sind dort schon ausgeführt worden, ebenso Untersuchungen über die Erschütterungsfreiheit mit einem optisch registrierenden Wiechert-Mintrop'schen Apparat. Diese hatten ergeben, dass bei den vorliegenden durchschnittlichen Tagesstörungen Apparate bis zu einer Vergrösserung von ca. 400—600 noch hätten Verwendung finden können. Einzelne grössere Störungen durch Lastautos hätten die Brauchbarkeit einer solchen Aufstellung noch nicht entscheidend beeinträchtigt. Nachdem nun aber die Stadt in bestimmte Aussicht genommen hatte (ohne dass unsere Bemühungen dagegen und diejenigen der Eidg. Technischen Hochschule Erfolg hatten), eine Tramlinie direkt am Gebäude vorbeizuleiten, fiel diese Möglichkeit dahin. Wir befassten uns nun orientierenderweise mit der Frage eines unterirdischen Raumes im Degenried, in dem Molassefelsen hinter der jetzigen Erdbebenwarte, und die Eidg. Bauinspektion unternahm die orientierenden Vorstudien.

Der mikroseismische Dienst funktionierte auch dieses Jahr ohne nennenswerte Störung. Von blossen, nicht näher deutbaren Spuren abgesehen, wurden 40 Nahebeben und 45 Fernbeben registriert. Die Erdbebenwarte wurde ca. 60mal durch Dr. de Weck und Dr. de Quervain besucht. Die tägliche Besorgung geschah weiterhin durch Herrn Stadtförster Peter.

Die Konstanten der Apparate waren im Mittel folgende:

	Bosch-Mainka 450 kg-Pendel		Spindler & Hoyer-Wiechert'scher Vertikalapparat 80 kg
	Nord-Süd-Komp.	Ost-West-Komp.	Vertikal-Komponente
Vergrösserung für schnelle Schwing.	216	223	108
Eigenperiode	$5{,}1^s$	$4{,}8^s$	$3{,}2^s$
Dämpfung	4,9	2,5	3,2
Reibung	1,0	0,7	0,6
Registriergeschwindigkeit	ca. 30 m/m	ca. 30 m/m	ca. 30 m/m
Mittlerer Zeit-Interpolationsfehler .	$\pm 0{,}1^s$	$\pm 0{,}1^s$	$\pm 0{,}3^s$

Die Reibung wurde nach der allgemeinen Formel $r = \frac{l_1 + l_2 + \ldots + l_{n-1} - r_0 (l_2 + l_3 + \ldots + l_n)}{2(n-1)\cdot(v_0 + 1)}$ berechnet, wobei $l_1, l_2, \ldots l_n$ die aufeinanderfolgenden doppelten Ausschläge sind und wo r_0 die Restdämpfung $= \frac{l_1 - l_{n-1}}{l_2 - l_n}$ bedeutet.

Die Anwendung der von uns früher gebrauchten Formel $r = \frac{l_1 - l_n}{4(n-1)}$, wobei $n = 3$ gewählt wird, gibt für r Werte, die ca. 65 % grösser sind; durch Einsetzen in die Dämpfungsformel $\epsilon = \frac{l_1 - 2r}{l_2 + 2r}$ ergeben sich für ϵ um 20 % kleinere Werte.

2. Die im Jahre 1918 in der Schweiz verspürten Erdbeben.

Uebersicht.

Im Jahre 1918 wurden im ganzen 45 Erdstösse in der Schweiz verspürt. Sie verteilen sich wie folgt auf die Monate:

Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember
9	5	3	5	0	2	4	3	1	3	3	7

Es fielen 29 in die Zeit der Ruhe (20^h–8^h) und 16 in die Zeit der Tätigkeit (8^h–20^h), 18 wurden auf der Erdbebenwarte in Zürich registriert, 6 hatten ihren Herd ausserhalb der Schweiz. Zu einigen besonders erwähnenswerten Erdbeben seien noch einige Bemerkungen gemacht:

Bemerkungen zu einigen ausgeprägteren Erdbeben.

13. Januar. Gegend von Monza-Mailand. Der Umstand, dass die Ausgangsgegend in der einheitlich beschaffenen, gleichmässig bevölkerten Poebene lag, in der Nähe einer Seismometerstation, veranlasste uns trotz der Lage im Ausland zu einer eigenen Enquete mit Fragekarten in jener Gegend, in der Hoffnung, ein Bild der Epizentralverteilung der Intensität zu bekommen, das vielleicht besonders deutliche Fingerzeige auf die Tiefe der Herkunft geben könnte. Die Erwartung hat sich allerdings nicht bestätigt, insofern eine besondere deutliche Lokalisierung sich nicht ergab.

3. Februar. Wallis. Dieses Beben hatte ein besonders ausgedehntes Erschütterungsgebiet, begrenzt durch Sion, Bourg-St. Pierre, Zermatt, Brig und Kandersteg. Intensität V auf dem linken Ufer der Rhone und in den seitlichen Tälern südlich der Rhone. Diesem Beben folgten im Laufe des Jahres einige vereinzelte Stösse in Sion und Bourg-St. Pierre und am 13. November ein Beben von noch ziemlicher Ausdehnung (Val d'Hérens, Val de Zinal, Val de Viège et de Saas) mit Epizentrum in der Gegend von Zermatt.

24. April. Gegend von Bergamo. Da das Beben in einem grossen Teil der Schweiz gespürt wurde und genauere direkte Angaben über das Epizentrum nicht erhältlich waren, versuchten wir eine Bestimmung aus den Registrierungsbeobachtungen von Zürich, Chur, Mailand, Moncalieri. Je nach der Deutung der Diagramme und der Einschätzung der Zuverlässigkeit der Phasenbestimmung ergaben sich Epizentra, die in ca. 10—20 km Entfernung nach Norden, Osten bis Südsüdosten von Bergamo liegen. Eine bestimmte Annahme hierüber war nötig zur Untersuchung der Bedeutung einer ganzen Anzahl von auf einige Sekunden genauen persönlichen Zeitbeobachtungen schweizerischer Beobachter, die wir mit grosser Sorgfalt und Mühe kontrolliert und reduziert hatten. Es handelt sich in solchen Fällen immer wieder um die von uns schon früher untersuchte Frage: Welche von den instrumentellen Phasen verspürt ein Beobachter eigentlich bei diesen Entfernungen und Intensitäten? Offenbar muss die wirkliche Ankunftszeit der verschiedenen Hauptphasen (die ersten Wellen P, die zweiten S mit dem anschliessenden Maximum M) für die Beobachtungsorte auf Grund der Registrierungen berechnet werden.

Dazu ist die Annahme eines bestimmten Epizentrums und die Kenntnis der Epizentralzeit nötig. Auf Grund der neuesten Laufzeittafel von 1919 von Prof. Dr. A. Mohorovicic, die uns von ihm übermittelt wurde, ergibt sich (aus S–P) für Zürich (wo die beiden Einsätze sehr scharf aufgezeichnet wurden) die Epizentraldistanz 213 km und die Epizentralzeit $15^h 21^m 18^s$. Der Einsatz der S in Chur ist als sicher zu betrachten, er erfolgt 37.9^s nach der Epizentralzeit; dies führt auf eine Distanz von 138 km von Chur.

Diese Entfernungen von Zürich und Chur ergeben nun dasjenige Epizentrum, von welchem wir ausgehen; dasselbe liegt 12 km SSE von Bergamo.[1])

Genaue und kontrollierte Zeitangaben von Beobachtern.

Ort	Beobachter	d	Zeitbeobachtung	Richtung	korrig. Zeit	Differenz mit dem theor. P	Differenz mit dem theor. S	Gespürte Phase
		km			h m s			
Davos-Platz	Telegraphen-Bureau (Thalmann u. Zwicky)	132	Anfang	—	ca. 15 22 0	22^s nach P	6^s nach S	Max.
Glarus	Telegraphen-Bureau (Oertli)	168	Erster Stoss, schwach	—	ca. 15 22 05	21^s nach P	entspricht S	S
			Zweiter Stoss, stärker, Anfang	—	22 08	24^s nach P	3^s nach S	Max.
			dauert bis	—	22 15	31^s nach P	10^s nach S	Max.
Fehraltorf (Zürich)	Pfr. Baumgartner	210	Anfang	—	15 22 19	28^s nach P	1^s nach S	S
			Ende	—	22 22	31^s nach P	4^s nach S	Max.
Tagelswangen (Zürich)	Hr. Frauenfelder	216	Anfang	SSE–NNW	15 22 24	32^s nach P	5^s nach S	Max.
Zürich	Dir. Maurer	213	Anfang	—	15 22 24	30^s nach P	6^s nach S	Max.
Zürich	Dr. de Weck	—	Anfang	S–N u. N–S	15 22 22	28^s nach P	4^s nach S	Max.
Bern	Hr. P. Weber	228	Erster Stoss	NW–SE	15 22 22	28^s nach P	1^s vor S	S
			Zweiter Stoss		15 22 23	29^s nach P	entspricht S	S

[1]) Eine frühere Epizentrumbestimmung, gegründet auf die frühere Laufzeittafel (1915) von A. Mohorovicic und auf die (S–P) von Zürich und Chur und die S von Mailand, führte auf ein Epizentrum 16 km NW von Bergamo. Die Annahme dieses Epizentrums und einer entsprechenden Epizentralzeit $15^h 21^m 22^s$ hätte die Deutung der Resultate dieser Tabelle nicht verändert, die Differenzen zwischen der berechneten Ankunft der S und der Beobachtung wären nur 2—5 Sekunden grösser geworden, während oben der Anschluss an die S-Phase knapper ist.

Was ist nun das Ergebnis?

Die Tabelle zeigt, dass die erst ankommenden longitudinalen Wellen P nicht gespürt wurden, erst die S oder meistens nur die unmittelbar an S anschliessenden ersten Wellen der Maximalphase wurden wahrgenommen.

Die Registrierung in Zürich zeigt, dass ein starkes Maximum M_1 2—3 Sekunden nach S erreicht wird (ein zweites Maximum, weniger stark, M_2 18.3^s nach S). Die Maximalphase beginnt mit S und dauert ca. 20 Sekunden. Es ist anzunehmen, dass dieses Eintreten des Maximums einige Sekunden nach dem Einsatz S auch annähernd für die anderen Beobachtungsorte dieser Tabelle gilt. Die Uebereinstimmung der Beobachtermeldungen mit der an S anschliessenden Maximalphase ist also, wie die Tabelle zeigt, sehr befriedigend, besonders wenn man die Zufälligkeiten der Beobachtungen und Reduktionen bedenkt. Man wird dieses Ergebnis verallgemeinern dürfen: Im peripheren Erschütterungsgebiet mit Intensitäten vom Grad III wird nur die an die Phase S anschliessende Maximalphase gespürt.

Bemerkenswert, und nicht mit bisherigen Resultaten übereinstimmend, ist die Tatsache, dass die subjektiven Richtungsschätzungen dieser Beobachter, soweit sie vorliegen (allerdings nur drei Fälle), nicht transversalen, sondern auf das Epizentrum hinweisenden Charakter haben.[1])

7. August. Graubünden (Oberengadin, Puschlav, Bergell). Der stärkste unter einer Reihe von Nachstössen zu dem grossen Engadinerbeben vom 9. Dezember 1917. Die Reihe der Nachstösse war folgende: 11., 12., 18., 24. Januar; 3. Februar; 7. März; 24. April; 4. August; 7. August; 30. November und 2. Dezember.

26. September. Grenze Vorarlberg-Tirol-Allgäu (wo von Gebäudebeschädigungen in Immenstadt und „Bruch eines Gletschers" [Pettneu] die Rede ist). Das Epizentrum war von uns aus den Registrierungen entgegen anfänglichen Zeitungsmeldungen wohl richtiger lokalisiert worden.

Erdbebenserie vom 4., 28. und 31. Dezember in Bex. Diese Serie, die sich noch ins Jahr 1919 fortsetzte, war sehr lokalen Charakters, offenbar durch Einstürze im Gips, der die Lokalität charakterisiert, bedingt. Die Bevölkerung fing an, sich ob der fortdauernden Stösse zu beunruhigen, und unsere Untersuchung und Auskunft in der Lokalpresse, welche den Charakter der Erscheinungen feststellte, und das Nachfolgen noch stärkerer Erschütterungen, auf Grund analoger Fälle als unwahrscheinlich hinstellen konnte, war von Nutzen.

* * *

In diesem Jahr hat eine ähnliche Serie von auffallenden Lokalstössen bei *Sarnen* ihren vorläufigen Abschluss genommen (14. August 1918). (P. S. Neue stärkere Stösse am 1. und 14. März 1919 siehe folgenden Jahresbericht.) Wir möchten nicht unterlassen, jetzt den wertvollen Bericht über die Hauptstösse des Vorjahres (1917) zu veröffentlichen, den unser inzwischen verstorbener Erdbebenkorrespondent, der so hochgeschätzte Dr. Etlin, für uns verfasst hat. Er gibt ein sehr anschauliches Bild über das Auftreten und die Lokalisierung dieser Erscheinung:

Details über einige in Sarnen kürzlich beobachtete lokale Erdbebenstösse.[2]) Freitag, 9. Februar 1917, ca. 9 Uhr vorm., I. Stoss. — Gleichen Tags, 11 Uhr nachts, II. Stoss. — Samstag, 10. Februar, abends 7 Uhr 55, III. Stoss. — Von vielen wird behauptet, ein IV. Stoss sei am 12. Februar, morgens 3 Uhr 30, beobachtet worden, doch ist dies nicht einwandfrei konstatiert. — Sämtliche Stösse wurden am stärksten in der Gemeinde Sarnen beobachtet; noch beobachtet in Alpnachdorf; kaum in Alpnachstad, dito in Kerns; auch noch in St. Anton[3]); in Sachseln kaum beobachtet, in Giswil nur in den nächst dem Forst anliegenden Häusern v. gr. Teil. Sämtliche Stösse waren nicht vom Schwanken oder einer wellenförmigen Bewegung begleitet, es erfolgte nur eine sehr starke und heftige Erschütterung. Der erste dieser Stösse war der weitaus stärkste und wurde überall begleitet von einem heftigen Krach oder Knall, zugleich mit der Empfindung einer Lufterschütterung. Krach und Erschütterung waren überall auch im Freien sehr auffällig; um den Krach resp. die Stärke desselben zu bezeichnen, verwendeten weitaus die Mehrzahl der von mir befragten als Vergleich einen Kanonenschuss. „Einem meineidigen Kanonenklapf", „einem infam hart geladenen Sprengschuss", oder etwas Aehnlichem wurde der Krach verglichen. Die Leute hatten das Gefühl einer Explosion, darum verfiel auch eine Anzahl auf Fliegerbomben. Das Zentrum der Erschütterung scheint mir im Gehren und den Haslihäusern zwischen Sarnen und Stalden[4]) an der Schwendi gewesen zu sein; dort war wenigstens die Erschütterung am stärksten, denn dort fielen in mehreren Häusern nachlässig an die Wand gelehnte Gegenstände um oder oberflächlich angelehnte herunter. Die Leute in den Häusern dieser Berglehne hatten fast überall die Empfindung, der Krach und die Erschütterung seien in den gegen die Berglehne gekehrten Partien des Hauses entstanden. Nur in der Pfarrkirche meinten die zu einem Gottesdienst Versammelten, der Krach sei auf der Orgel entstanden, in einer vom Berg abliegenden Seite, man vermeinte: „Die Decke der Empore sei eingefallen", oder „ein Blasbalg auf der Orgel sei geplatzt";

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[1]) Hier mag der Hinweis von Interesse sein, dass schon von Wiechert zwei Arten von Transversalwellen unterschieden worden sind (Nachr. d. K. Gesellsch. der Wissenschaften zu Göttingen, Math.-phys. Klasse 1907, „Ueber Erdbebenwellen" v. E. Wiechert u. K. Zöppritz, pag. 56); er nannte die ersten, normal zur Strahlebene schwingenden, Scheerungswellen und wies daraufhin, dass es oft bei den Göttinger Registrierungen festgestellt werden konnte, dass diese Querschwingungen etwas früher eintreffen wie die Schwingungen parallel der Fortschreitungsebene. Unabhängig davon kommt in einer brieflichen Mitteilung an uns Prof. E. Meissner (Zürich) zu dem gleichen Schluss im Fall der Fortpflanzung in einem geschichteten Medium. — Die oben erwähnten subjektiven Richtungsschätzungen würden also diese Theorie bestätigen: sie sind parallel der Strahlebene und die entsprechenden Beobachtungszeiten beziehen sich denn auch vorwiegend auf eine einige Sekunden nach den iS eintretende Phase. — [2]) S. Jahresber. 1917, pag. 6, Tab. I, Nr. 5, 6, 7 u. 10. — [3]) St. Anton liegt 1.5 km ESE von Kerns. — [4]) Stalden liegt 2.7 km WSW von Sarnen, die Haslihäuser ca. 1.5 km westlich von Sarnen, Gehren 1.5 km WSW von Sarnen, das Epizentrum ist also ca. 1.5 km WSW von Sarnen. (Erdbebendienst.)

es mag dies vielleicht damit zusammenhängen, dass die Anwesenden gegen das Chor gekehrt waren, dort alles übersehen, aber nichts entdecken konnten, und so sich die Ansicht bildete, das Geräusch sei in ihrem Rücken entstanden, wohin sie nicht sahen. Pferde blieben im Freien und im Stall ruhig; eine Kuh, die gerade den Stall verlassen wollte, um zur Tränke zu gehen, erschrak so heftig, dass sie vorn in die Knie sank, dann schnell sich umdrehte und wieder in den Stall hineinrannte, ohne zu saufen. Zwei andere im selben Stall befindliche, aber an der Krippe angebundene Kühe zeigten keine Anzeichen von Aufregung. Ein schusscheuer Hund, der unter dem Ofen lag, fuhr auf und sprang winselnd in der Stube herum, ganz wie jeweilen bei den Kanonenschüssen am Fronleichnamstag. Jemand beobachtete gerade ein Futterbrett vor dem Fenster, auf dem eine Amsel, zwei Kohlmeisen und mehrere Finken und Spatzen sich gütlich taten, im Moment flogen die Vögel 60—80 ‰ in die Höhe, um dann wieder abwärts zu stürzen und sich in Gebüsch und Bäumen zu verstecken; die Amsel aber erschrak so sehr, dass sie im ersten Moment mit starkem Anprall gegen die nahe Glasscheibe flog, obschon sie gewiss schon viele hundert Mal auf dem Futterbrett zu- und abgeflogen war. Alle diese Erscheinungen beziehen sich auf den ersten Stoss. Der zweite Stoss war ein leichtes Schüttern ohne Geräusch; der dritte Stoss (Intensität V) wieder etwas stärker, ein deutliches Schüttern und ein deutlicher, wenn auch schwacher Krach. Das Krachen entstund nicht etwa in den Wänden oder im Holz, sondern hing mit dem Stoss direkt zusammen und wurde, wie schon gesagt, auch im Freien ohne Stoss sehr deutlich beobachtet. Die ganze Erscheinung dauerte nur einen Moment, ohne eine Spur von wellenförmiger Bewegung; Stoss und Krach schien nur eine Sekunde zu dauern; nur in einem Hause habe ich vernommen, dass die Schlagfedern eines Regulators längere Zeit in Schwingung blieben und tönten. Die Erscheinungen waren prägnanter in Häusern, die auf Felsen stunden, als in solchen, die im Wiesengrund oder angeschwemmten Gebiet erbaut waren. Bei dem eigentlichen Beben[1]), das vor ein paar Jahren nachts ca. 10½ Uhr durch die Schweiz ging und sein Zentrum, wenn ich mich recht entsinne, in der Nähe des Bodensees hatte, war es gerade umgekehrt. Häuser mit weichem Untergrund schwankten dazumal viel heftiger als solche auf Felsengrund.

E. Etlin.

[1]) Erdbeben in der schwäbischen Alb vom 16. November 1911, $10^h 26^m$ abends. (Erdbebendienst.)

Tabelle I. In der Schweiz verspürte Erdbeben. 1918.

Nr.	Monat und Tag		M.-E. Zeit 0—24 h	Erschütterte Gegend und Epizentralgebiet	Grad Forel-Rossi	Grösste Ausdehnung	Zahl d. pos. Meldungen	Zahl d. neg. Meldungen	Registriert in Zürich	Bemerkungen (Charakter, Zahl der Stösse, Dauer, bes. Wirkung)
			h m			km				
1	Jan.	1.	2,55	Lavorceno (bei Olivone, Kt. Tessin)	IV	—	1	—	—	Zittern. Dauer 15 Sek.
2	„	4.	14,45	Alp Grüm (Graubünden)	III	—	1	—	—	2 Stösse (vertik.). Zittern. Dauer 4–5 Sek.
3	„	6.	23,42	Arbon	III	—	1	—	R	Vertikaler Stoss.
4	„	11.	23,00	Splügen	III	—	1	—	—	leicht.
5	„	12.	13,00	Splügen	III	—	1	—	—	leicht.
	„	13.	5,37	Sarnen	III	—	1, Zig.	—	—	Stoss, begl. v. unterird. Donnern. (Fragl.: Kanonend.?)
6	„	13.	13,00	Epizentrum in Norditalien, in der Gegend v. Monza-Mailand (ca. 210 km v. Zürich entfernt). In Monza Intens. VI, Mailand V. Gespürt in der Lombardei, im Piemont u. in der Schweiz: hauptsächlich im Kt. Tessin (Intens. IV), auch in der Gegend v. Vevey (III) u. vereinzelt in Chaux-de-Fonds, Burgdorf, Langnau und Zürich	IV	190	48. Z.	17	R	1—2 Stösse. Dauer 3–4 Sek. Donnerähnliches Rollen.
7	„	13.	13.10	Nachbeben zum vorigen. Gespürt im südl. Teil des Kts. Tessin: Locarno, Taverne, Arogno	III	50	5	—	R	1 Stoss. Dauer 2 Sek.
8	„	18.	0,12	Graubünden: Silvaplana u. Vicosoprano	III	20	2	—	—	Zittern. Dauer 2 Sek.
	„	19.	7,50	Sarnen	III	—	1	—	—	Stoss, dumpfes Rollen. (Fragl.: Kanonendonner?)
9	„	24.	16,50	Graubünden: Oberengadin (St. Moritz, Célerina, Fextal, Bevers, Ponte, Pontresina), Bergell (Vicosoprano, Promontogno), Cavaglia	IV	40	9	1	R	Zittern, Dauer 3 Sek., leichtes, dumpfes Rollen.
10	Febr.	3.	0,44	Ressenti dans toute la partie centrale du Canton du Valais: Vallée du Rhône (de Sion à Brigue), V. de Viège, V. de Tourtemagne, V. d'Anniviers et V. d'Hérens. Observé aussi à Bâgnes, Bourg St-Pierre et au nord à Kippel et Kandersteg (Berne)	V	80	33	5	R	1–2 secousses, précédées d'un bruit sourd. Durée 2–3 sec. Zone d'intens. V limitée par le Rhône, la Viège et la Borgne.
11	„	3.	20,14	Tomils und Paspels (Domleschg)	V	2	2	3	—	1 Stoss. Dauer 1—3 Sek. Explosionartiges Geräusch (Paspels).
12	„	5.	geg. 6.00	Sierre (Valais)	III-IV?	—	1	—	—	Forte secousse

Tabelle I (Fortsetzung).

Nr.	Monat und Tag	M.-E. Zeit 0—24 h	Erschütterte Gegend und Epizentralgebiet	Grad Forel-Rossi	Grösste Ausdehnung	Zahl d. pos. Meldungen	Zahl d. neg. Meldungen	Registriert in Zürich	Bemerkungen (Charakter, Zahl der Stösse, Dauer, bes. Wirkung)
		h m			km				
13	Febr. 9.	12, 23	Chur	III-IV	—	1	—	—	Beobachtet von mehreren Personen.
	„ 18.	22¼–½	Basel	II	—	1	—	—	Einige deutl. Stösse (8 ?). Keine Bestätigung erhältl.
	„ 18.	0h 36m 37s	Lausanne (Montriond)	II	—	1	—	—	Trépidations. (Pas confirmé.)
14	„ 22.	17, 53	Leimbach bei Sulgen (Thurgau)	III	—	1	—	R	Schaukeln. Dauer 3 Sek. Von 1 Person im Freien gespürt.
	„ 25.	23, 22	Herisau	II	—	1	—	—	1 Stoss. Windstoss vorangehend. Klirren aller Gegenstände. Von 2 Personen beobachtet.
	„ 25.	23, 32	Herisau	II	—	1	—	—	1 Stoss. Windstoss vorangehend. Von 1 Pers. beob.
	März 2.	4, 40ca.	Visp	II	—	1	—	—	Von 1 Person. Keine Bestätigung.
15	März 7.	geg. 4, 00	St. Moritz (Oberengadin)	II-III	—	1	—	—	Schwacher Stoss, von einzelnen gespürt.
16	„ 7.	5, 40	St Moritz und Vicosoprano	IV	25	2	—	—	Zittern, dumpfes Rollen.
	„ 10.	22, 49	Glarus	II	—	1	—	—	Von 1 Person beob. Keine Bestätigung.
17	„ 11.	14. 15	Vallée de la Broye, de Payerne à Lucens. Granges-Marnand (Int. V–VI), Henniez et Montet (Intens. V). Observé aussi à Villars-Bramard, Seigneux, Châtonnaye, Fétigny, Sassel, Middes, Mannens et Font. Ressenti par quelques personnes à Yverdon et dans les environs de Fribourg [1])	V-VI	40	22 et journ.	18	R	2 secousses, durée 2—3 sec., à env. 40 sec. d'intervalle, la 1re plus forte; accompagnées d'un bruit sourd semblable à celui d'une explosion. Obs. heure exacte du Dr. P. Cruchet (Payerne): 14h 15m 06s (1re secousse), soit 5 sec. après S (Payerne)
18	April 3.	23, 19	Bourg-St. Pierre (Valais)	III	—	1	3	—	Balancement, précédé d'un roulement sourd de 1—2 sec.
19	„ 5.	0h 33m 55s	Lausanne (rue Pépinet)	III	—	1	—	—	Secousse obs. par 2 pers., dans la même chambre. Dir. W-E (local). Heure exacte obs. par Mr C. Dubois: 0h 33m 55s.
20	„ 24.	geg. 12, 30	Bevers-Au, Bevers	IV-V	—	1	—	—	Zittern. Von mehreren Pers. beob.; auch im Freien gespürt.
21	„ 24.	15, 22	Herd in Norditalien, in der Gegend von Bergamo. Gespürt in der ganzen Südost- und Nordschweiz	V	280	120, Z.	3	R	1—2 Stösse, meistens als Schaukeln und Zittern wahrgenommen. Dauer 2–3 Sek.
	„ 25.	nach 0h	Bevers (Oberdorf)	II	—	1	—	—	Zittern. Von 1 Pers. beob.
22	„ 27.	2, 20	Yverdon	III	—	3	—	—	Secousse. Durée 3 sec.
	Mai 25.	0h 51m 10s	Lausanne	II	—	1	—	—	Secousse verticale; obs. par 1 pers. (Douteux.)
23	Juni 2.	6, 30ca.	Unterhallau (Schaffhausen)	III	—	1	—	—	Starkes Schaukeln. Dauer 3—4 Sekunden. Dumpfes Rollen vorangehend. Von einer Familie beob.
24	„ 2.	7, ca.	Unterhallau	III	—	1	—	—	3 getrennte Stösse. Zwischenzeit je einige Minuten (von gleicher Familie beob. wie das vorangehende).
25	Juli 3.	21, 00	Sion	III	—	1	5	—	Courte secousse.
26	„ 4.	1, 38	Sion	III	—	1	5	R	Courte secousse.
27	„ 6.	17. 41	Nax, Grimisuat, Sion et Bramois	IV-V	5	3	2	R	Secousse accompagnée d'un bruit sourd. A Nax et Grimisuat ress. aussi en plein air. A Sion: affaissement d'un pan de mur dans les vignes.
28	„ 15.	6, 00	Kt. Basel (Birsigtal) u. Berner Jura: Oberwil, Basel, Burg u. Reconvilier. Auch in Luzern wahrgenommen, dazw. zahlreiche negative Antworten	III	85	6	17	R	Kurzer Stoss, begleitet von schwachem dumpfen Rollen. Herd vermutl. ausserhalb der Schweiz.
	Juli 28./29.	nachts	Blatten (Oberlötschenthal, Kt. Wallis), in der Nähe des Aletschgletschers	III	—	1	—	—	2 starke Erdstösse, beobachtet in einer Hütte.
29	Aug. 4.	3, 51	Graub.: Alvaneu, Surava u. Schmitten	IV-V	6	2	3	R	Kurzer Stoss.
30	„ 7.	20, 14	Graub.: Oberengadin, Bergell, Puschlav u. Aversthal. Auch in Mühlen u. Bivio-Stalla gespürt	V	48	23	4	R	1 Stoss, kurzes Rollen vorangehend. Folge des Bebens: angeblich nach 20h Absturz gewaltiger Felsmassen bei Marmore (Ostabhang des Fextals). [2])
31	„ 14.	15, 12	Sarnen	V	—	1	—	—	1 Stoss, vertikal. Auch im Freien gespürt.
	Sept. 24.	1h 0m 10s	Lausanne	II	—	1	—	—	Douteux.
32	Sept. 26.	1. 17	Epizentralgegend an der Grenze Vorarlberg, Tirol, Allgäu (Bayern). Int. V in Lech, Stuben, Schopernau (Vorarlberg), Pettneu (Tirol), Oberstdorf (Allgäu). Nach einer Zeitungsmeldung Beschädigung v. Bauwerken in Immenstadt (Allgäu). Gespürt in der Ostschweiz, nach Westen bis Brütten, Zürich, Küssnacht a. Rigi u. Vals (Graubünden)	IV-III	110	28	1	R	2 Stösse. Dauer 3 Sek. Gleichzeitig donnerartiges Geräusch. In Pettneu aussergewöhnlicher „Bruch eines Gletschers"; diesbezügliche ergänzende Nachfrage blieb ohne Antwort.

[1]) Typus der Molassebeben mit verhältnismässig schwacher Ausdehnung und grosser Epizentralintensität! (Vergl. Jahresber. 1916, pag. 2. Erdbeben im bernischen Mittelland, 9. Jan.) — [2]) Letztere Angaben verdanken wir Hrn. W. Mörikofer aus Basel, z. Z. in Muottas-Muraigl. Datum und Zeitangabe beruhen auf der Aussage eines Hirten, Bestätigung jedoch nicht erhältlich. Hr. M. entdeckte in der Tat zwei frische Bruchstellen am Felsgestein an dem kleinen Fussweg von der Marmorè zum Lei Scrischus. Die grössere (ca. 2000 m³ Inhalt) liegt 1 km östlich des Kirchleins in Crasta, die kleinere 800 m nördlicher (Höhe ca. 2400 m.) (Nach einem

Tabelle I (Schluss).

Nr.	Monat und Tag	M.-E. Zeit 0—24h	Erschütterte Gegend und Epizentralgebiet	Grad Forel-Rossi	Grösste Ausdehnung	Zahl d. pos. Meldungen	Zahl d. neg. Meldungen	Registriert in Zürich	Bemerkungen (Charakter, Zahl der Stösse, Dauer, bes. Wirkung)
		h m			km				
—	Okt. 15. (Pseudo-Erdb.) Expl. b. Lyon.	23, 49 ca.	Wahrnehmung der Schallwirkung und der Lufterschütterung, hervorgerufen durch eine grosse Munitionsexplosion bei Lyon. Am meisten beobachtet in der Westschweiz, in der Gegend begrenzt durch Les Avants (sur Montreux), Sierre, Thun, Olten und La Chaux-de-Fonds. Explosion noch in Rorschach, am Bodensee (410 km) gehört. S. Tafel u. Text	—	410	30 u.Z.	—	R	Nach den meisten Berichten wurden 3 kurz aufeinanderfolgende Explosionen gehört. — Fensterklirren. (Fortpflanzung durch die Luft). Zeit in Lyon nach Zeitungsmeldungen 23h 40m M.-E. Z. (Wohl etwas abgerundet.) Registrierung der Erdwellen siehe mikroseism. Tabelle nach Nr. 32.
33	Okt. 21.	21. 21	Bourg-St. Pierre (Valais)	V	—	2	3	—	1 secousse, durée 2 sec. Direct. Est-Ouest.
34	„ 22.	3. 51	St. Prex et Lussy, près Morges (Vaud) .	IV-V	3	3	2	—	2 secousses, durée 3—4 sec. Trépidations, bruit sourd semblable à celui d'une explosion (local).
35	„ 22.	10, 56	St. Prex	III	—	2	3	—	Faible secousse, léger roulement.
36	Nov. 13.	21, 19	Alpes valaisannes. Int. V dans la vallée de Zermatt. Ressenti aussi dans le val d'Hérens, le val de Zinal, la vallée de Viège, et celle de Saas	V	40	9	3	R	1—2 secousses; en même temps un roulement sourd.
37	„ 30.	12, 19	Poschiavo und St. Moritz	IV-III	30	2	5	R	1 Stoss.
38	„ 30.	14, 10	Oberengadin, Puschlav u. Avers Cresta .	IV	48	6	3	R	1 Stoss. Dauer 2—4 Sek. (In Poschiavo stärker als der vorangehende). – Unterirdisches Rollen vorher.
39	Dez. 2.	1. 21	St. Moritz	III	—	1	—	—	1 Stoss, seitlich. Dauer 3 Sek. (Von mehreren Pers. beob.)
40	„ 1.	22, 44	Bex (Vaud)	V	5	3	3	—	Forte secousse verticale. Durée ½ sec. Bruit souterrain pareil à une expl. (loc.).
41	„ 1.	22, 55ca.	Bex	III	—	2	3	—	Secousse moins forte.
	„ 27.	5, 25	Genève	II	—	1	—	—	Forte secousse accompagnée de roulements souterrains. Obs. par 1 pers. (Douteux.)
42	„ 28.	10, 45	Bex	V	5	1	—	—	Deux secousses verticales. Bruit pareil à une explosion.
43	„ 31.	1. 13	Graubünden (Unterengad.): Martinsbruck, Val Uina, Schuls. Auch in Scarl u. Sta Maria (Münstertal) gespürt. (Herd vermutlich im Tirol)	V	35	5	2	R	1—3 Stösse. Dauer 2—5 Sek. Rollen vorangehend.
44	„ 31.	5, 25	Bex	V	5	1	—	—	Faible secousse. Roulement souterrain.
45	„ 31.	5, 30	Bex (centre des secousses successives: colline du „Montet" à 1.5 km au Nord de Bex)	V	5	1	—	—	Forte secousse. Roulement souterrain.

Tabelle II. In Zürich registrierte Nahebeben.[1])

Zürich 1918. Mitteleurop. Zeit; Mitternacht = 0h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein und Mergel, wechsellagernd.

Nr.	Datum	Phase	M.-E. Z.	N	E	V	Periode N	Periode E	Periode V	Amplitude N	Amplitude E	Amplitude V	Epizentralentfernung nach S–P	Bemerkungen
			h m	s	s	s	s	s	s	μ	μ	μ	km	
1	Jan. 1.	eP?	0 05	37,9	—	37,8	0,7	—	—	0,2	—	0,5	175?	Nach italen. Bulletin Herd im Piemont (Intens. V).
		iS	06	0,0	1,1	—	0,7	0,6	—	0,7	0,4	—		
		F	11ca.											
2	„ 6.	e	23 41	47,7	43,2	—	—	—	—	0,5	0,2	—	—	Gespürt in Arbon (Thurgau) (d = 69 km). — Anfang fällt in die Minutenlücke. S. makros. Bericht Nr. 3.
		F	43ca.											
3	„ 13.	eP	13 00	?6,2	—	—	—	—	—	0,1	—	—	174?	Herd im Norditalien, in der Gegend von Monza-Mailand. Gespürt in der Schweiz, s. makros. Bericht Nr. 6. Vermutlich fehlt der Anfang der P, also Distanz 174 km zu kurz. Diagramm E–W ist ganz ungewöhnlich: eine erste Maximalphase (Max. M_1), rasches Abklingen derselben und Beginn einer zweiten Maximalphase (Max. M_2). Neuchâtel hat: P 13h 0m 7,9s; S 13h 0m 33,0s.
		e	00	10,2	10,5	10,1	0,9	—	—	0,2	0,1	0,5		
		i	00	19,4	20,0	12,0	0,7	0,6	—	1,4	0,4	0,9		
		i	00	—	25,3	—	—	0,6	—	—	1,1	—		
		iS	00	26,7	28,4	29,2	0,6	0,7	1,0	3,2	6,9	2,3		
		iM_1	00	29,4	—	—	0,8	—	—	9,7	—	—		
		M_1	00	29,8	29,6	—	0,8	0,7	—	12	15	—		
		M_2	00	—	36,2	—	—	0,6	—	—	11	—		
		F	05ca.											

[1]) Zur Bearbeitung der Nahebeben fehlten uns infolge des Krieges die seismologischen Berichte anderer Stationen; nur die Berichte von Zagreb (1. Januar bis 15. August) und die italienischen meteorologischen Bulletins (Januar bis Ende Mai) standen uns zur Verfügung. — Für einige stärkere Erdbeben erhielten wir auf unsere Anfragen direkte Angaben von deutschen und italienischen Stationen. — In manchen Fällen waren uns wie bisher die Angaben der Erdbebenstation Chur (freiwillig von Prof. Kreis geführt) und Neuchâtel (Dir. Arndt) von Nutzen.

Zürich 1918. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein und Mergel, wechsellagernd.

Nr.	Datum	Phase	M.-E. Z.	N	E	V	Periode N	Periode E	Periode V	Amplitude N	Amplitude E	Amplitude V	Epizentralentfernung nach S–P	Bemerkungen
			h m	s	s	s	s	s	s	μ	μ	μ	km	
4	Jan. 13.	e	13 10	47,1	37,2	36,1	0,7	—	—	0,2	0,1	0,3	—	Nachstoss des Vorhergehenden. Gespürt im Süden des Kts. Tessin. S. makroseism. Bericht Nr. 7.
		iS	10	53,6	52,7	53,9	0,7	0,6	1,1	1,6	2,7	0,9		
		F	14 ca.											
5	„ 14.	eP	7 46	48,1	50.1	49,5	—	—	—	0,2	0,1	0,3	800 ca.	Herd wahrscheinlich in Bosnien (nach A. Mohorovicic).
		e(S)?	48	22.4	22,7	—	1,1	—	—	0,3	0,4	—		
		i	48	34,7	—	—	1,6	—	—	0,9	—	—		
		i	48	52,7	—	—	5,1	—	—	1,4	—	—		
		F	52 ca.											
6	„ 24.	e	16 50	44,4	—	—	—	—	—	0,1	—	—	—	Gespürt im Unterengadin. S. makroseism. Bericht Nr. 9. Spuren, keine Phasen.
		e	50		58,6	—	—	0,6	—	—	0,2	—		
7	Febr. 3.	eP	0 43	51,6	51,4	51,7	0,6	0,5	—	0,1	0,2	0,3	157	Foyer dans le canton du Valais (Tabl. macrosismique No. 10). Le commencement de la phase S tombe dans l'intervalle de la minute.
		iS	44	11,3	12,0	10,5	—	0,5	—	1,4	2,2	0,9		
		F	46 ca.											
8	„ 8.	eP	19 49	42,7	42,7	42,2	—	0,6	0,6	0,2	0.7	0,5	560	Herd in Mittelitalien. Gespürt in der Toscana und Marche (nach italien. Bulletin).
		iS	50	51,1	52,3	52,1	0,8	0,6	1,6	2,3	3,1	1,8		
		i	50	—	58,1	—	—	2,0	—	—	6,7	—		
		F	56 ca.											
9	„ 16.	e	1 18	37,5	34,0	27,3	—	—	—	0,1	0,3	0,9	—	Herd unbekannt.
		e	18	38,5	38,5	—	0,6	0,6	—	0,5	0,7	—		
		e	18	41,5	40,1	42,8	0,7	0,6	0,6	0,7	0,9	0,5		
		F	20 ca.											
10	„ 19.	eP	12 01	(27,9)	21,8	25.9	—	—	—	0,2	0,2	0,5	618	Herd an der kroatischen Adriaküste (nach A. Mohorovicic, wie am 12. März 1916, ca. 45 km südöstl. v. Fiume).
		iS	05	58,3	59,9	59,3	0,7	0,9	1,4	4,2	3,1	1,6		
		F	10 ca.											
11	„ 22.	e	17 53	24.7	24,8	—	—		—	0,5	1,0	—	—	Spur! Gespürt in Leimbach, b. Sulgen (Thurgau). S. makroseism. Bericht Nr. 14. Entfernung v. Zürich ca. 50 km.
		F	53	40ca										
12	März 11.	eP	14 15	27,4	22,6	23,8	—	—	—	0,2	0,2	0,3	138	Foyer dans la vallée de la Broye (Vaud). (Tabl. macrosismique Nr. 17). H. épicentr.: $14^m 58^s$. – Neuchâtel (d = 27 km): S $15^m 5{,}5^s$; 2me sec.: S $15^m 45^s$.
		iS	15	39,9	39,8	40,4	0,8	0,8	0,6	0,4	0,7	0,5		
		F	17½ ca.											
13	April 24.	iP	15 21	51,8	51,5	51,2	1,2	0,7	0,5	0,9	0,7	0,9	213	Herd in der Gegend von Bergamo. Gespürt fast in der ganzen Schweiz, s. makroseism. Ber. Nr. 21. Nach den Registr. in Zürich, Chur, Mailand u. Moncalieri, mikros. Epizentrum östl. vom Comersee, in der Gegend v. Bergamo. – Aus Reg. Zürich Epiz.-Zeit: $15^h 21^m 18^s$. – Aufzeichnung in Chur: eP $15^h 21^m 39{,}7^s$; iP $15^h 21^m 42{,}8^s$; S $15^h 21^m 55{,}7^s$.
		iP	21	54,2	54,4	53,6	1,0	1,0	0,5	4,4	1,0	5.5		
		iS	22	18,1	18,2	18,5	—	1,0	1,8	26	31	16		
		M_1	22	21,2	19,4	21,1	—	—	3,8	107	144	65		
		M_2	22	36,8	—	36,4	1,0	—	1,6	43	—	25		
		F	33 ca.											
14	Mai 6.	e	8 48	3,3	5,5	—	—	—	—	0,2	0,2	—	—	Spuren, keine Phase. Gespürt in Reggio Emilia (nach italien. Bulletin).
		F	51											
15	„ 6.	eP	9 05	49,7	49,1	51,9	—	—	0.6	0,5	2,3	0,5	330	Herd in Italien. Gespürt in Reggio und Modena.
		iS	06	32,2	29,3	—	0,8	1,2	—	3,2	3,6	—		
		M	06	—	45,6	—	—	2,8 0,6	—	—	10	—		
		F	11 ca.											
16	„ 24.	e	16 07	36,6	37,9	38,0	—	—	0,6	0,1	0,2	0,5	240?	Herd unbekannt.
		S?	08	4,6	8,4	—	1,2	0,6	—	0,2	0,4	—		
		F	10½ ca.											
17	Juni 7.	e	19 56	0,1	55m 53.6	11,2	—	0,6	—	0,2	02,	0,2	—	Herd unbekannt.
		F	57½ ca.											
18	Juli 4.	e	1 38	19,2	19,7	—	—	0,6	—	0,1	0,2	—	—	Ressenti à Sion. (Tabl. macrosismique Nr. 26.)
		F	39											
19	„ 4.	e	7 07	22,1	3,2	—	—	—	—	0,2	0,3	—	—	Spuren!
		F	10 ca.											
20	„ 6.	e	17 40	48,7	48,7	—	0,6	0,6	—	0,2	0,2	—	—	Ressenti en Valais, Sion et environs. (Tabl. macrosismique Nr. 27.)
		F	42 ca.											
21	„ 15.	e	6 00	21,3	16,1	20,3	—	0,6	—	0,1	0,3	0,3	—	Gespürt im Birsigtal (Kt. Basel) u. im Berner Jura. Auf der P fehlt! Genaue Zeitbeob. (Ing. E. Droz) in Reconvilier: $5^h 59^m 58^s$ (Anfang). S. makroseism. Bericht Nr. 28. In Strassburg nicht registr. – Angaben Neuchâtel fehlen.
		S	00	26,2	24,3	26,7	0,4	0,5	—	0,3	0,4	0,5		
		F	02 ca.											
22	„ 19.	eP	20 01	26,2	23,1	28,7	0,8	—	0,8	0,2	0,1	0,5	255	Herd in Norditalien? Allmählicher Uebergang der P in S.
		iS	02	1,5	1,5	—	0,7	1,8 0,5	—	2,1	3,6	—		
		M	02	9,0	8,8	—	2,5 0,6	0,6	—	5 1	7,2	—		
		F	06											

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Nr.	Datum	Phase	M.-E. Z.	N	E	V	Periode N	Periode E	Periode V	Amplitude N	Amplitude E	Amplitude V	Epizentralentfernung nach S–P	Bemerkungen
			h m	s	s	s	s	s	s	μ	μ	μ	km	
23	Aug. 4.	eP	2 07	52,0	51,7	—	—	—	—	0,2	0,2	—	545	Herd an der kroatischen Adriaküste (Cirkvenica, nach A. Mohorovicic). eP unsicher.
		eS	09	0,1	8m 58,4	59,3	1,0	1,0	—	0,5	0,7	0,5		
		F	12 ca.											
24	„ 7.	eP	20 14	29,4?	25,6	—	—	0,6	—	0,1	0,2	—	131	Herd im Oberengadin. S. makros. Ber. Nr. 30. Registrierg. in Chur: eP $20^h 14^m 9{,}2^s$, S $20^h 14^m 16{,}0^s$, d = 48 km. Epizentralzeit: $20^h 14^m 5^s$.
		S	14	41,6	42,1	—	1,0	0,6	—	0,7	0,9	—		
		M	14	—	46,0	—	—	0,6	—	—	1,3	—		
		F	16 ca.											
25	„ 10.	eP	19 45	39,3	—	—	—	—	—	0,2	—	—	442?	Gespürt in Toulon.
		e	45	—	51,9	51,8	—	—	0,8	—	0,2	0,4		
		iS	46	34,5	34,2	—	1,2	1,0	—	1,1	1,3	—		
		i	47	3,4	0,4	—	1,2	3,0 0,6	—	2,1	3,4	—		
		F	57 ca.											
26	„ 11.	eP	14 24	40,1	44,6	42,8	—	—	1,0	0,1	0,2	0,3	445?	Gespürt in Toulon.
		iS	25	38,2	37,6	—	1,0	1,2	—	3,2	2,0	—		
		i	26	7,5	25m 54,6	—	2,6	3,0	—	3,7	3,1	—		
		F	39 ca.											
27	„ 11.	e	15 03	50,7	49,7	59,1	—	1,0	—	0,2	0,2	0,3	—	Herd unbekannt.
		F	07											
28	„ 13.	eP	21 02	1,9	1,5	0,6	0,6	—	—	0,2	0,2	0,3	455	Herd unbekannt. — (Nach A. Mohorovicic Herd 150 km entfernt von Zagreb.)
		S	02	—	57,9	58,7	—	0,8	—	—	1,3	0,6		
		F	05 ca.											
29	Sept. 17.	eP	3 11	56,0	54,6	54,7	—	0,6	—	0,1	0,2	0,3	370	Herd unbekannt. (Italien?)
		iS	12	45,7	44,8	—	1,2	0,6	—	1,4	1,1	—		
		F	16½ ca.											
30	„ 26.	iP	1 16	51,4	51,2	51,3	0,6	0,6	0,6	0,2	1,1	0,6	125	Herd nach unseren Anfragen an der Grenze Vorarlberg, Tirol, Allgäu. S. makros. Ber. Nr. 32. Aus den Registr. in Zürich, München und Neuchâtel mikros. Epizentrum: Arlbergrücken-Lechtal. Epizentralzeit: $1^h 16^m 33^s$. Neuchâtel hat: P $1^h 17^m 12{,}2^s$, S $1^h 17^m 43{,}4^s$.
		iS	17	7,1	7,0	7,8	0,9	0,8	1,1	21	16	3,7		
		M	17	14,0	9,2	25,6	0,8	—	2,2	63	108	16		
		F	24 ca.											
31	„ 29.	eP	15 28	—	51,3	—	—	0,6	—	—	0,3	—	65?	Herd unbekannt.
		S	28	59,9	29m 0,0	59,9	0,8	0,8	—	0,3	0,7	0,6		
		M	29	—	3,5	—	—	0,6	—	—	2,2	—		
		F	30 ca.											
32	„ 30.	e	21 15	44,6	44,6	44,9	0,6	0,6	—	0,1	0,2	0,2	—	Herd unbekannt.
		F	17 ca.											
	Okt. 15. (Pseudo-Erdbeben). Explos. b. Lyon.	e?	23 38	13,4	14,3	—	—	—	—	0,1	0,1	—	—	Registrierung d. Erdwellen, hervorgerufen durch eine Munitionsexplos. b. Lyon. Entf. v. Zürich: 330 km. — Der erste Einsatz ist unsicher, der zweite deutlich. — Schall u. Erschütterg. an vielen Orten der Schweiz wahrgenommen u. mehrf. als Erdbeben gedeutet. S. Text u. makroseism. Bericht nach Nr. 32, sowie Tafel.
		e	38	16,7	15,0	—	—	—	—	0,1	0,2	—		
		F	39½ ca.											
33	Nov. 6.	eP	20 27	2,9	2,6	2,9	—	—	—	0,1	0,4	0,6	360	Herd vermutlich in den süd-östl. Alpen (Friaul? Julische Alpen?) Azim. E 16° S ca. S fällt in die Minutenlücke. Neuchâtel hat: P $20^h 27^m 16{,}3^s$, P $20^h 27^m 29{,}6^s$, S $20^h 28^m 29{,}5^s$. d = 475 km.
		iP	27	10,2	10,7	10,7	0,8	1,4	1,6	0,7	5,4	3,7		
		iS	27	56,4	55,8	55,6	—	—	—	60	27	7,4		
		M_1	27	—	58,9	56,8	—	2,0	2,4	—	104	19		
		M_2	28	15,8	—	—	3,6	—	—	73	—	—		
		F	37 ca.											
34	„ 10.	eP	16 13	—	1,0	1,2	—	0,6	—	—	0,2	0,5	466	Zerstörendes Beben in Italien, nordöstlicher Abhang des Appennins: Provinzen Florenz und Forli. Besonders stark in Santa Sofia (55 km nordöstl. von Florenz). Keine Registrierung am N–S-Apparat (plötzl. Störung).
		i	13	—	20,1	—	—	2,6 0,6	—	—	3,6	—		
		i	13	—	34,1	—	—	0,6	—	—	8,1	—		
		i	13	—	49,6	—	—	2,0	—	—	14	—		
		iS	14	—	16,4	9,8	—	2,0	2,0	—	30	8,8		
		M_1	14	—	—	36,9	—	—	2,6	—	—	21		
		M_2	15	—	9,7	—	—	3,6	—	—	68	—		
		F	30 ca.											
35	„ 12.	e	14 02	48,8	48,8	—	—	—	—	0,1	0,2	—	400?	Herd unbekannt. (Italien?) Auf Vertik. nur Spuren.
		S?	03	44,1	44,1	—	1,0	—	—	0,7	1,3	—		
		F	07 ca.											
36	„ 13.	eP	21 19	0,6	3,4	—	0,6	—	—	0,2	0,2	—	168	Foyer dans les Alpes valaisannes. Ressenti dans les vallées latérales, au sud du Rhône, du val d'Hérens à la vallée de Saas. V. Tabl. macros. Nr. 36.
		iS	19	21,6	21,8	21,2	1,1	0,6	0,6	1,4	2,2	0,5		
		F	21 ca.											
37	„ 18.	e	16 57	14,4	14,1	—	—	0,6	—	0,1	0,2	—	177	Herd unbekannt!
		eS	57	37,3	35,8	35,9	—	—	—	0,5	0,9	0,3		
		i	57	38,6	38,1	—	0,8	0,6	—	1,4	0,9	—		
		M	57	—	40,6	—	—	0,6	—	—	3,1	—		
		F	17 0 ca.											

Zürich 1918. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein und Mergel, wechsellagernd.

Nr.	Datum	Phase	M.-E. Z.	N	E	V	Periode N	Periode E	Periode V	Amplitude N	Amplitude E	Amplitude V	Epizentralentfernung nach S–P	Bemerkungen
			h m	s	s	s	s	s	s	μ	μ	μ	km	
38	Nov. 30.	eP	12 19	14,7	16,1	16,4	—	—	—	0,1	0,1	0,2	142	Herd in Graubünden. Gespürt in St. Moritz u. Poschiavo. S. makroseism. Bericht Nr. 37.
		eS	19	34,7	32,6	—	1,0	0,5	—	0,3	0,3	—		
		M	19	—	36,8	—	—	0,6	—	—	1,3	—		
		F	20½ca											
39	„ 30.	eP	14 10	7,9?	3,7	4,7	—	—	—	0,1	0,3	0,2	137	Herd in Graubünden. Gespürt im Oberengadin und Puschlav. S. makroseism. Bericht Nr. 38.
		eS	10	21,6	21,3	—	—	0,5	—	0,2	0,4	—		
		M	10	—	25,3	—	—	0,6	—	—	1,3	—		
		F	12 ca											
40	Dez. 31.	eP	1 13	—	5,0	—	—	—	—	—	0,1	—	210	Herd vermutl. im Tirol. Gespürt im Unterengadin und Münstertal. S. makroseism. Bericht Nr. 43.
		e	13	29,6	—	—	—	—	—	0,2	—	—		
		iS	13	32,7	32,0	—	0,8	0,6	—	0,5	1,1	—		
		F	15 ca											

Registrierte Fernbeben im Jahre 1918. (Mitteleuropäische Zeit.) [1])

Nr. 1. **16. Januar.** e $8^h 17^m 25{,}1^s$. d = 4000 km ca. — Nr. 2. **27. Januar.** e $14^h 0^m 9{,}8^s$. d = 1400 km ca.? — Nr. 3. **30. Januar.** iP $22^h 29^m 53{,}6^s$, iS $22^h 39^m 12{,}7^s$. d = 8000 km (stark). Herd in N-E-Richtung, vermutlich Mandschurei. — Nr. 4. **9. Februar.** eP $13^h 31^m 23{,}1^s$, S (?) $13^h 36^m 28{,}3^s$. d = 3300 km? — Nr. 5. **13. Februar.** e $7^h 19^m 48^s$, eL $7^h 52^m$ ca. Nach speziellem Bericht von Hrn. Missionar G. Schramm erhalten durch Vermittlung von Hrn. Dr. L. Kubli in Basel: Herd in Südchina. Beben zerstörend in der Stadt Swaton, gespürt in den Provinzen Kanton und Kiangsi. Entfernung ca. 9500 km. — Nr. 6. **17. März.** e $14^h 49^m 28{,}4^s$, eS? $14^h 53^m 1{,}7^s$. d = 2100 km? (Kleinasien?) — Nr. 7. **10. April.** eP $3^h 14^m 44{,}7^s$, S $3^h 23^m 43{,}6^s$. d = 7600 km. — Nr. 8. **21. April.** eP $23^h 45^m 6{,}6^s$, eS $23^h 55^m 48{,}6^s$. d = 9600 km Nordamerika (Arizona, Utah). — Nr. 9. **25. April.** e $3^h 28^m 40{,}1^s$, eS (?) $3^h 33^m 41{,}6^s$. d = 3300 km. — Nr. 10. **20. Mai.** iP $15^h 45^m 31{,}9^s$, iS $15^h 53^m 11{,}6^s$. d = 6000 km ca. W₁₁S° (Antillen? Atlant. Ozean?) — Nr. 11. **20. Mai.** e $19^h 09^m 29{,}2^s$, S? $19^h 19^m 44{,}1^s$. La Serena (Chile)? — Nr. 12. **22. Mai.** e $7^h 50^m 27{,}6^s$. — Nr. 13. **23. Mai.** e $13^h 10^m 30{,}0^s$. — Nr. 14. **25. Mai.** e $20^h 48{,}5^m$ ca. — Nr. 15. **31. Mai.** e $9^h 58^m 42{,}5^s$, S $10^h 08^m 51{,}9^s$. d = 9000 km. — Nr. 16. **3. Juni.** e $1^h 12^m 42{,}8^s$, S $1^h 20^m 17^s$ ca. d = 6000 km. (Herd in WSW-Richtung). — Nr. 17. **4. Juni.** e $18^h 31^m 45^s$ ca. — Nr. 18. **7. Juni.** eL $23^h 20^m$ ca. — Nr. 19. **29. Juni.** e $12^h 04^m 5^s$ ca., S (?) $12^h 05^m 18{,}8^s$. d = 1250 km? — Nr. 20. **3. Juli.** e $8^h 10^m 58{,}4^s$, eS (?) $8^h 12^m 30{,}9^s$. Malayscher Archipel. — Nr. 21. **4. Juli.** e $12^h 29^m 46{,}7^s$, eL $12^h 37^m 0^s$ ca. — Nr. 22. **8. Juli.** eP $11^h 33^m 2{,}1^s$, S $11^h 41^m 58{,}3^s$. d = 7500 km. — Nr. 23. **11. Juli.** eP $10^h 51^m 18{,}2^s$, S? $10^h 53^m 40^s$. d = 1300 km? — Nr. 24. **15. Juli.** e $1^h 35^m 27{,}1^s$. — Nr. 25. **16. Juli.** iP $21^h 07^m 46{,}4^s$, S $21^h 11^m 0{,}3^s$. d = 1900 km. Kleinasien? — Nr. 26. **21. Juli.** e $7^h 28^m 48{,}4^s$, S? $7^h 39^m 40{,}1^s$. d = 9900 km? — Nr. 27. **9. August.** e $1^h 43^m 28{,}2^s$. — Nr. 28. **14. August.** e $14^h 22^m 52^s$ ca. — Nr. 29. **15. August.** e $13^h 32^m 25{,}6^s$. d = 11 300 km. — Nr. 30. **29. August.** e $7^h 44^m 17{,}6^s$. — Nr. 31. **7. September.** eP $18^h 28^m 34{,}8^s$, iS $18^h 39^m 9{,}2^s$. d = 9500 km. Ostasien (sehr stark). — Nr. 32. **29. September.** eP $13^h 12^m 22{,}3^s$, i $13^h 12^m 37{,}5^s$, S $13^h 16^m 37{,}9^s$. d = 2600 km (stark). Kleinasien? Azimut ca. E₁₀S°. — Nr. 33. **30. September.** e $19^h 11^m 31{,}4^s$. — Nr. 34. **11. Oktober.** eP $15^h 25^m 32{,}7^s$, S $15^h 34^m 47{,}1^s$. d = 7900 km. W₅S°. Portorico. — Nr. 35. **15. Oktober.** e $23^h 55^m 28{,}8^s$. — Nr. 36. **25. Oktober.** e $4^h 53^m 54{,}9^s$, S $5^h 02^m 46{,}8^s$. d = 7400 km. Antillen. — Nr. 37. **27. Oktober.** e $18^h 26^m 01^s$. — Nr. 38. **8. November.** eP $5^h 50^m 24{,}2^s$, iP $5^h 50^m 36{,}9^s$, iS $6^h 0^m 53{,}0^s$. d = 9350 km. — Nr. 39. **12. November.** e $12^h 32^m 4{,}9^s$. — Nr. 40. **12. November.** e $22^h 55^m 37{,}8^s$. — Nr. 41. **18. November.** eP $20^h 00^m 25{,}2^s$, iS $20^h 07^m 8{,}0^s$. d = 5000 km (stark). — Nr. 42. **25. November.** e $3^h 19^m 42{,}6^s$. — Nr. 43. **1. Dezember.** e $3^h 43^m 42{,}6^s$. — Nr. 44. **2. Dezember.** eP $10^h 57^m 10^s$ ca., eS $11^h 05^m 7{,}7^s$. d = 6400 km. — Nr. 45. **4. Dezember.** eP $13^h 01^m 54^s$, eS $13^h 16^m 6{,}6^s$, eL $13^h 39^m$ ca. (Chile: Copiapo und Vallenar.)

[1]) Angaben der Phasen nur bei den ganz oder einigermassen sichern Einsätzen. Zur Bearbeitung der Fernbeben bedienten wir uns in einigen Fällen der seismologischen Berichte von Barcelona (Obs. Fabra), Coimbra (Portugal), Zagreb, Batavia (Java), Ottawa, Berkeley und Lick (California).

Erdbeben der Schweiz im Jahre 1918.

Nr. 6.

Über den Einfluss der meteorologischen Zustände der Troposphäre auf die Ausbildung der anormalen Schallzone.

von Dr. **Hans Morf** (Zürich).

(Mit 8 konstruierten und 6 empirischen Schallfiguren.)

I. Teil.

Historischer Überblick.

A. Einleitung.

Aus dem täglichen Leben ist bekannt, daß Glocken, Gewehr- und Geschützfeuer etc. je nach den Umständen auf verschiedene Entfernungen gehört werden können. Zu dieser auffallenden Erscheinung kommt bei der Ausbreitung starker Schallwellen[1]) noch eine außerordentlich interessante Tatsache hinzu. Es entsteht nämlich in der Umgebung der Schallquelle nicht nur das „normale Schallgebiet", sondern in einer Entfernung von 100 bis 170 km vom Schallherd setzt gelegentlich ein „anormales Schallgebiet" ein, das von ersterem durch eine „Zone des Schweigens" getrennt ist. Der Innenrand des äußeren Schallgebietes gleicht häufig einem Kreisbogen, der in keinem bisher festgestellten Beispiel einen größern Zentriwinkel als 180° hat. Es sind auch Fälle bekannt, bei denen die normale direkt in die anormale Zone übergeht, ein schallfreies Zwischengebiet also fehlt. Bevor eingehender auf die festgestellten Tatsachen eingetreten wird, wollen wir uns über die Bedeutung dieses Schallphänomens Rechenschaft geben. Zweifellos ist vom praktischen Standpunkt aus die Kenntnis der Existenz einer Zone des Schweigens am wichtigsten für die Meerschiffahrt in bezug auf die Hörweite der Nebelsignale an den Küsten; daß nämlich auch diese Schallquellen eine Zone des Schweigens aufweisen, wird unter I. B. besprochen. In früheren Bewegungskriegen mit der damaligen Entwicklung des Meldedienstes konnte die Hörbarkeit oder Nichthörbarkeit des K.*) über Sieg oder Niederlage entscheidendes Gewicht erlangen. So darf heute mit einigem Grund behauptet werden, daß Friedrich der Große bei Liegnitz deshalb siegte, weil sich ein Teil des feindlichen Heeres in der Zone des Schweigens befand und darum nicht in den Kampf eingriff. Ähnliche Beispiele bietet die Kriegsgeschichte für 1866 und 1870—71. Aber selbst heute bei vorzüglich ausgebautem Meldedienst ist die Kenntnis der Zone des Schweigens für Heerführer nicht ohne Interesse.[2]) Ferner leisten die Untersuchungen über Schallanomalien wertvolle Dienste für die akustische Positionsbestimmung von Geschützen. Auch für den Juristen ist die Lösung der Frage über die anormale Schallfortpflanzung von praktischem Interesse. Daß das Phänomen für den Historiker wichtig ist, beweist das angegebene Beispiel aus der Kriegsgeschichte. Der Geograph, der die rätselhaften akustischen Erscheinungen, wie Bodensee-, Murten- und Rotenburger-„Schießen" in der Schweiz, das „Seebrüllen" in Österreich, die „Mistpoeffers" in Flandern, die „Barisal guns" in Bengalen, die „Retumbos" in Zentralamerika und ähnliche Wahrnehmungen in der Normandie, in England, in Schottland, in Algier und der Sahara, am Kongo etc. untersuchen will, muß mit der anormalen Schallfortpflanzung vertraut sein. Das größte Interesse bietet unser außerordentlich kompliziertes Phänomen für Physiker und Meteorologen, da nämlich interessante Zusammenhänge zwischen den Zuständen der Atmosphäre und der anormalen Schallfortpflanzung nachgewiesen werden können; die vorliegende Arbeit**) bezweckt einen Beitrag zu leisten zur Prüfung dieser Beziehungen. Unter diesem Gesichtspunkte ist die Untersuchung zu betrachten.

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[1]) Mit Rücksicht, daß es sich hier um Fernakustik handelt, brauchen die Explosionswellen, deren Geschwindigkeit in den ersten Momenten am größten ist, und sich verhältnismäßig rasch derjenigen der Schallwellen nähert, nicht berücksichtigt zu werden. Die Schallquelle, die eigentlich als Ort aller Punkte im Raum aufzufassen ist, von welchen an die Explosions- als Schallwellen behandelt werden können, darf darum für unsere Zwecke als punktförmig angenommen werden.

[2]) Während der schweizerischen Grenzbesetzung 1914—18 wurde ein Infanterie-Hauptmann, der mit seiner Einheit in der Nähe von Beurnevésin bei Pruntrut dem Grenzdienst oblag, von seinem Divisionskommandanten zur Rede gestellt, warum er nicht über wahrgenommenen K. aus dem Sundgau melde. Truppen, die nämlich die Grenze in noch größerer Distanz von der Kriegsfront bewachten, berichteten regelmäßig über die Detonationen. Die betreffende Kompagnie hatte vom K. nichts gehört. Zweifellos befand sie sich in der Zone des Schweigens.

*) N. B. K. = Kanonendonner.

**) Entstanden an der Schweizerischen Meteorologischen Zentralanstalt, auf Anregung von Herrn Prof. Dr. A. de Quervain.

B. Die Tatsachen.

Verschiedene Forscher haben die anormale Schallfortpflanzung untersucht, und fast ein jeder hat seiner Untersuchung eine Interpretation beigefügt. Wir wollen im folgenden die festgestellten Tatsachen und die Erklärungsversuche scharf voneinander trennen. Wenden wir uns zunächst den ersteren zu.

1. Ältere Beobachtungen, die nicht systematisch untersucht wurden.

Erst seit Beginn des gegenwärtigen Jahrhunderts wird die anormale Schallfortpflanzung systematisch untersucht. Es war freilich schon früher in einzelnen Fällen beobachtet, aber nicht genügend untersucht worden, daß die Ausbreitung des Schalles in große Entfernungen mit gewissen Anomalien vor sich zu gehen pflegt. So referiert z. B. Wolf über die Schallanomalien der Eruption des Kotopaxi (5943 m ü. M.) vom 26. Juni 1877: In Latacunga, 40 km südlich der Schallquelle, hatte man nichts von den Vulkanausbrüchen gehört. Hingegen in Guayaquil, 330 km vom Krater entfernt, hörte man die „Artillerieschüsse" so außerordentlich deutlich, daß einige glaubten, in einem, eine Viertelstunde von der Stadt entfernten Fort werde gefeuert. Ähnliches berichtet Verbeek über die Ausbrüche des Krakatau vom 26. bis 28. August 1883. Auch anläßlich der Explosion eines Pulverturms in Rom am 23. April 1891 wurde eine eigenartige Ausbreitung des Schalles beobachtet, aber nicht genauer verfolgt.

2. Die wichtigen systematischen Untersuchungen von Tyndall (1874) und Mohn (1890—95)

beziehen sich in der Hauptsache auf die verschiedene Ausdehnung der primären Schallzone und können somit nicht als eigentliche Untersuchungen über anormale Schallfortpflanzung bezeichnet werden. Immerhin soll Tyndall zuerst die Tatsache konstatiert, oder für alle Fälle zuerst in den Kreis des Interesses gezogen haben, daß man, mit einem Dampfer gegen ein Nebelsignal fahrend, in einem Augenblick den Schall hört, um später in einem kürzeren Abstand den Schall zu verlieren und in einem noch kürzeren das Signal wieder zu vernehmen. Tyndall hatte 1874 an den South Foreland-Felsen in der S. E.-Ecke Englands Untersuchungen über Schallfortpflanzung angestellt, aus denen zweifellos hervorging, daß ein Schall von konstanter Stärke in ruhiger Atmosphäre zu verschiedenen Zeiten bis zu sehr verschiedenen Entfernungen gehört werden kann. Die nämliche Tatsache bewies Mohn anläßlich seiner Studien über Nebelsignale in den Jahren 1890—95. Die Feststellungen von Stokes und O. Reynolds sind in anderem Zusammenhange zu erwähnen.

3. Studien über anormale Schallfortpflanzung seit 1900.

Das durch die Dynamitexplosion vom 14. Dezember 1903 zu Förde in Westfalen erzeugte und von G. von dem Borne untersuchte Schallphänomen läßt nach dem vorhandenen Beobachtungsmaterial nicht einwandfrei erkennen, ob die normale und die anormale Zone voneinander getrennt waren. Mit der Untersuchung der Fernwirkung der Roburitaufflammung in Witten-Annen bei Bochum (28. November 1906) hat aber der nämliche Verfasser — zum ersten Male — nachgewiesen, daß zwei Schallgebiete entstehen können, die scharf durch eine Zone des Schweigens voneinander getrennt sind. Seither wurde das Problem im besondern von A. de Quervain, den Japanern Fujiwhara und Omori, ferner von Dörr, Meinardus, Everdingen und Mercanton weiter erforscht. Das Tatsachenmaterial ist namentlich seit 1914 durch eine große Zahl kleinerer Publikationen stark vermehrt worden. Wir fassen die aus diesem umfangreichen Material sich ergebenden Tatsachen, welche zum Teil schon festgestellt waren und zum Teil von mir zusammengestellt wurden, in den Hauptzügen wie folgt zusammen:

A. Das Medium für Fernakustik ist die Luft, was, in Erledigung anderer, auch seither oft gehörter Behauptungen von A. de Quervain 1908 zum ersten Mal an Hand von Zeitangaben nachgewiesen werden konnte.[3])

B. Zone des Schweigens.

1. Das Auftreten einer Zone des Schweigens ist eine häufige Erscheinung. In einigen Fällen aber fehlt sie vollständig. In vereinzelten Beispielen ist das schallfreie Zwischengebiet keilförmig ausgebildet. (Untersuchung von Fujiwhara über die am 7. April 1910 erfolgte Explosion eines Sprengstoffmagazins und über die von de Quervain bearbeitete Ausbreitung des K. am 25.—26. Dezember 1914.)

[3]) Noch im Jahre 1911 hatte das Meteor. Office der U. S. A. das Gesuch von A. de Quervain um Untersuchung eines Falles über anormale Schallfortpflanzung in den Vereinigten Staaten mit der Begründung abgelehnt, der Schall pflanze sich durch die Erde fort. Diese Stellungnahme war insofern bedauerlich, als damals die Frage der ringförmigen Begrenzung der sekundären Zone hätte beantwortet werden können, weil die Umgebung des Schallherdes auf große Entfernung eine eugbesiedelte Ebene war.

2. Das anormale Schallgebiet liegt immer in einer bestimmten Richtung zur Schallquelle. In den Schallfiguren von Fujiwhara über die Detonationen des Vulkans Mt. Asama ist angegeben, in welcher Richtung die vulkanische Asche vom Wind in mittlerer Höhe verfrachtet wurde: in 7 deutlichen Fällen stimmen die Achsen des Schall- und des Aschengebietes überein, in 5 weiteren deutlichen Fällen aber nicht. Die Abweichung kann so groß sein, daß die Achse des Aschengebietes aus dem anormalen Schallgebiet herausfällt.
3. Wenn eine typische Zone des Schweigens ausgebildet wird, so pflegt ihr Innenrand mehr oder weniger kreisbogenartig 100—170 km vom Schallherd entfernt vorzukommen. Der Zentriwinkel dieser Kurve hat in keinem Beispiel 180° überschritten.
4. Die Gegend der anormalen Hörbarkeit ist in einigen Fällen in mehrere Schallgebiete geteilt, die bandförmig um die Schallquelle herum gelegen sind (Fujiwhara).
5. Wie A. de Quervain 1908 festgestellt hat, ragen Höhenorte, die nach ihrer Lage in die Zone des Schweigens gehören, gelegentlich über die letztere hinaus.
6. Gebirgszüge beeinflussen die Abgrenzung der Zone des Schweigens. (Vergl. Beispiele von de Quervain vom 25./26. Dezember 1914 und 25. April 1915.)

C. Die Maximaltragweite des Schalles beträgt nach einer von W. Krebs zusammengestellten Liste mit 31 Beispielen von ganz außergewöhnlich großen, 330 km übersteigenden Hörweiten:

Weite in km	Strecke	Schallquelle	Jahr
4775	Insel Rodriguez vom Krakatau	Vulkanausbruch	1883
970	Heilbronn von Belgrad	Geschützfeuer	1915
900	Preußisch-Holland (Ost-Preußen) von dem Schlachtfeld beim Skagerak	„	1915

Unbedingt darf meines Erachtens aus den zahlreichen Meldungen über wahrgenommenen K. aus großer Ferne mit Sicherheit geschlossen werden, daß Geschützdonner über 400 km weit gehört werden kann.

D. Regionale Intensitätsverteilung. Nach den Beobachtungen und Berechnungen von Dörr folgen am Innenrand der Außenzone nicht Schweigen und größte Intensität unmittelbar aufeinander; erst in einer mittleren Entfernung des anormalen Gebietes tritt die maximale Schallintensität auf.

E. Die Schallteilung in mehrfache Schallwahrnehmungen als Funktion der Entfernung ist übereinstimmend bei Explosionen von Sprengstoffmagazinen, bei Detonationen anläßlich Vulkanausbrüchen und beim Geschützdonner konstatiert worden.

F. Die Konfiguration des Geländes in der Umgebung des Schallherdes beeinflußt die seitliche Abgrenzung des schallerfüllten sekundären Gebietes (Riff, Felswand). Talmulden, Tobel, Wohnzimmer etc. im anormalen Schallgebiet ermöglichen Resonanzerscheinungen.

G. Die mechanischen Wirkungen der Schallwellen im anormalen Gebiet sind merkwürdig groß. Sie äußern sich im Klirren von Fensterscheiben, von Glassachen in Schränken etc., selbst im Erzittern von Häusern. Die Einwirkung auf Schwerhörige zeigt, daß es sich nicht nur um hörbare Schallwellen handelt.

H. Die jährliche Periodizität für die anormale Hörbarkeit des K. ist von A. de Quervain und W. Brand festgestellt worden. Das Maximum für die Fernhörbarkeit fiel in den Winter. In den Monaten April-Mai hörte die anormale Hörbarkeit des K. auf, Ende September oder anfangs Oktober setzte sie wieder ein.

C. Interpretation der anormalen Schallfortpflanzung.

Auf den Erklärungsversuch von Fr. Lux, wonach die ganze Zone des Schweigens durch Interferenz der Schallwellen entstehen sollte, wird nicht eingetreten. Diese Ansicht entspricht einfachen physikalischen Gesetzen nicht.[4])

Von großem Interesse sind hingegen die folgenden vier Theorien. Wie wir aber nachweisen werden, können die beiden ersten keinen Anspruch auf Wahrscheinlichkeit erheben. Um zunächst diese beiden Theorien zu besprechen, die in der Folge nicht mehr erwähnt werden müssen, wird von einer historischen Reihenfolge abgesehen. Dem chronologischen Interesse wird genügend Rechnung getragen, indem im Titel in Klammern das Publikationsjahr angegeben wird.

1. Die Wasserstoffhypothese von v. d. Borne (1910).

V. d. Borne geht zur Begründung seiner überaus interessanten Hypothese von der Annahme J. von Hanns und A. Wegeners aus, daß die Sauerstoff-Stickstoffatmosphäre in eine Wasserstoffatmosphäre übergehe. Da in der Troposphäre das Molekulargewicht praktisch als konstant angenommen werden kann, die Temperatur und damit die Schall-

[4]) Vergl. Phys. Z. 1916, p. 284.

geschwindigkeit mit der Höhe aber abnimmt, werden nach dem Snellius'schen Brechungsgesetz die Strahlen konvex zum Erdboden gerichtet. Weil die Schallgeschwindigkeit in Gasen der Quadratwurzel aus dem Molekulargewicht umgekehrt proportional ist, und da nach den Berechnungen von v. d. Borne das mittlere Molekulargewicht der Luft von rund 50 km Atmosphärenhöhe an sehr stark abnimmt, so nimmt von diesem Niveau an die Schallgeschwindigkeit mit der Höhe zu. Der Schallstrahl wird somit jetzt kontinuierlich vom Einfallslot weggebrochen, bis er horizontal verläuft und nach dem Reziprozitätsgesetz der Akustik wieder zur Erde gelangt. Die Strahlen, welche den Innenrand der anormalen Zone nach v. d. Bornes Berechnung in 116 km Entfernung von der Schallquelle bilden, legen eine Atmosphärenschicht von 75 km Mächtigkeit zurück. Die Theorie von v. d. Borne ist von E. van Everdingen weiter ausgebaut worden. Die Beobachtungen über Schallanomalien, die der letztere anläßlich der Belagerung von Antwerpen vom 7.—9. Oktober 1914 und bei 7 weiteren kriegerischen Operationen anstellte, stimmen nur qualitativ mit der Wasserstoffhypothese überein. Quantitativ weichen sie ab, weil für die Entfernung des Innenrandes der anormalen Zone ca. 160 km gemessen wurden, statt 116 nach den Berechnungen von v. d. Borne. Everdingen benützt bei seiner numerischen Berechnung verschiedene Hypothesen, z. B. diejenige von A. Wegener, daß bereits von 50 km Höhe an das Geocoronium an der Zusammensetzung der Atmosphäre teilzunehmen beginne; allein er findet eine genügende Übereinstimmung nicht. Bessere Annäherung an die wirklich gemessenen Distanzen findet Everdingen bei Voraussetzung eines stärkeren Heliumgehaltes mit der Höhe, als Hann und Wegener annehmen. — Nach v. d. Borne und Everdingen beeinflussen Wind und Temperatur den Strahlengang nur sehr wenig. Beide Autoren haben die Diffraktion nicht berücksichtigt.

Die Wasserstoffhypothese stimmt aber mit einer Reihe von Erfahrungstatsachen nicht überein, wovon nur die wichtigsten genannt seien:

1. Der Beobachter hat im anormalen Schallgebiet den Eindruck, der Schall komme vom Horizont her, während nach v. d. Borne der Schallstrahl mit kleinem Inzidenzwinkel ankommen müßte.
2. Gebirgszüge, selbst Erhebungen von weniger als 1000 m Höhe, beeinflussen die Abgrenzung der Zone des Schweigens, was nicht der Fall sein sollte, wenn die Strahlen aus der angenommenen Höhe zur Erde zurückgelangen würden.
3. Höhenorte im Jura und den Alpen, die lokal in der Zone des Schweigens liegen, ragen über letztere hinaus. Die Zone des Schweigens wird also in gewissen Fällen in den unteren Luftschichten überbrückt und nicht in ca. 70 km Höhe.
4. Der Innenrand der anormalen Zone hat nicht eine konstante Entfernung vom Schallzentrum. Letztere schwankt zwischen 100—170 km.
5. Die Zone des Schweigens kann überhaupt fehlen.
6. Sämtliche bisher beobachteten Schallphänomene sind einseitig ausgebildet.

Die Beobachtungstatsachen 4—6 widersprechen deshalb der Theorie, weil nach den angenommenen physikalischen konstanten Zuständen und nach dem gering vorausgesetzten Einfluß von Wind und Temperatur auch Konstanz in Form und Dimension der anormalen Schallzone eintreten sollte. Auch sollte dieses Schallgebiet nach allen Richtungen gleichmäßig ausgebildet sein; die geschlossene zentrische Symmetrie ist aber nie festgestellt worden. Nicht nur der Erfahrung, sondern auch den physikalischen Gesetzen hält die Theorie nicht stand, ganz abgesehen davon, daß die Hydrogensphäre Wegeners, worauf v. d. Bornes Theorie basiert, doch wohl immer noch als hypothetisch zu betrachten ist. E. Schrödinger gelangt bei seiner Untersuchung, ob das Energieprinzip bei der Wasserstoffhypothese von v. d. Borne gewahrt bleibe, zum Ergebnis, daß kaum noch Schallstrahlen mit endlicher Intensität von der Grenze der Wasserstoffschicht zurückkehren. Durch Wärmeleitung und innere Reibung wird nämlich bei fortschreitender Luftverdünnung die regelmäßige Wellenausbreitung immer stärker gedämpft. Dazu kommt noch eine geringe Schwächung der Intensität als Folge der kontinuierlichen Refraktion. — V. d. Borne hebt hervor, daß am Innenrand der anormalen Zone eine Art Brennlinie entstehe, wodurch die Intensität verstärkt werde. Eine Brennlinie ist nach dem von v. d. Borne angenommenen Strahlenverlauf unmöglich, da zwei Strahlen, die sich auf dem Innenrand der äußeren Zone schneiden sollten, verschiedene Höhe zurückzulegen haben und somit nicht gleichzeitig an der gleichen Stelle der Erde wieder zusammentreffen können.

2. Anormale Schallfortpflanzung als Problem konstruktiven Charakters. F. Auerbach (1916). E. Esclangon (1917).

F. Auerbach erklärt die Zone des Schweigens bei Schallfiguren, die durch Geschützfeuer entstehen, in der Hauptsache dadurch, daß der vom Geschütz ausgehende Knall zunächst schräg nach oben gewendet werde, und erst weiterhin, bei fortschreitender Zerstreuung, auch wieder Ausläufer infolge Beeinflussung durch Inversionen nach unten entsende.

Auch nach E. Esclangon ist die Zone des Schweigens, resp. das anormale Schallgebiet hauptsächlich auf konstruktive Momente zurückzuführen. Er nimmt an, daß neben den meteorologischen Zuständen die Flugbahnen von

solchen Geschossen, deren Anfangsgeschwindigkeit größer als diejenige des Schalles ist, für die Entstehung der anormalen Zone maßgebend seien. Die Erklärung der Konfiguration des äußeren Schallgebietes wird dadurch freilich schwierig, weil sich die Kopfwelle, von der die anormalen Schallstrahlen ausgehen, selbst translatorisch bewegt.

Es unterliegt keinem Zweifel, daß diese beiden konstruktiven Momente bei der Fernhörbarkeit des K. mitspielen. Uns genügen freilich diese beiden Erklärungen nicht, da sie nach ihrer Natur nur für den K. in Frage kommen können. Wie wir aber gesehen haben, weisen die Schallwellen, die von Geschützen, Explosionen von Sprengstoffmagazinen und von Detonationen der Vulkane herrühren, bei ihrer Ausbreitung eine Reihe von übereinstimmenden Merkmalen auf, welche durch die beiden folgenden Theorien von einem allgemeinen Standpunkt aus erklärt werden.

3. Erklärung der anormalen Schallausbreitung durch Luftströmungen und die Temperaturzustände. A. de Quervain (1908).

Was die Schallrefraktion in ruhiger Luft betrifft, ist bei der Besprechung der Wasserstoffhypothese von v. d. Borne erwähnt worden, daß die Temperatur und damit die Schallgeschwindigkeit mit der Höhe abnimmt, was zur Folge hat, daß der Schallstrahl konvex zur Erde abgebogen wird. Diese Kurve, die der Schallstrahl in Luft mit einem Temperaturgradienten zurücklegt, ist wiederholt analytisch untersucht worden. Je nach Festsetzung der Gesetzmäßigkeit für die Temperatur- resp. Schallgeschwindigkeitsabnahme mit der Höhe und der Strenge, die vom Endresultat verlangt wird, kommen als Kurve in Betracht: nach den Untersuchungen von Mohn-Schiötz ein Kreis, nach Matthiessen und Nölke eine Parabel, nach Rayleigh eine Kettenlinie, nach Kommerell eine Zykloide, und endlich nach Emden bei verschiedener Strenge der Berechnung diese sämtlichen angegebenen Kurven. In der Einleitung zum II. Teil wird gezeigt, daß sich die Endresultate dieser analytischen Berechnungen auf das gleiche Integral zurückführen lassen.

Die Schallrefraktion in bewegter Luft ist von Stokes (1857) und später von Reynolds (1874) zuerst untersucht worden. Die beiden Forscher gingen von der Feststellung aus, daß ein Schall in der Windrichtung auf größere Entfernungen als in entgegengesetzter Richtung hörbar ist. Diese Tatsache wurde von Stokes und später aufs neue von Reynolds so erklärt, daß die Schallwellen in der Richtung eines mit der Höhe an Geschwindigkeit zunehmenden Windes konkav nach unten, in entgegengesetzter Richtung hingegen konkav nach oben kontinuierlich refraktiert werden. Die Front einer Planwelle, die in einem gewissen Augenblick senkrecht steht, wird also bei der Fortpflanzung des Schalles mit diesem Wind nach vorn, hingegen bei Fortpflanzung gegen diesen Wind nach rückwärts abgedreht. Die Theorie der kontinuierlichen Brechung des Schalles durch den Wind mit einem Windgradienten ist von Reynolds[5]) durch interessante Versuche bestätigt worden. — Bei Annahme gewisser Voraussetzungen haben Mohn und Schiötz (1892) nachgewiesen, daß diese Kurven in bewegter Luft mit Berücksichtigung der Temperaturzustände Kreise seien.

Die Theorie von Stokes und Reynolds hat A. de Quervain 1908 benutzt, um die Entstehung der anormalen Zone für die Explosion an der Jungfraubahn zu erklären: Von der Schallquelle aus werden die Strahlen infolge der Temperaturabnahme konkav nach oben gewendet. In einer gewissen Höhe biegt sie ein Wind, dessen Geschwindigkeit mit der Höhe zunimmt, konvex nach oben, bis sie schließlich horizontal verlaufen, und dann nach dem Reziprozitätsgesetz der Akustik wieder zur Erde gelangen müssen. Die Zone des Schweigens wird also in dieser Luftströmung überbrückt. A. de Quervain hat nach den Formeln von Mohn und Schiötz auf Grund von tatsächlich vorkommenden meteorologischen Zuständen gezeigt, daß die Theorie von Stokes und Reynolds qualitativ wie quantitativ zu positiven Resultaten führt; auch hat er damals den fundamentalen Zusammenhang zwischen Temperatur- und Windgradient für die Schallfortpflanzung an Hand von meteorologischen Beispielen erläutert. Die Erklärung von A. de Quervain wurde seither durch Feststellung verschiedener Beobachtungstatsachen, die oben angeführt worden sind, gefördert. S. Fujiwhara und R. Emden haben das Problem analytisch behandelt; der erstere hat auch den Einfluß der Erdkrümmung untersucht. Mohn und Schiötz haben bei der Herleitung ihrer Formeln eine Tatsache vernachlässigt, die hingegen von diesen beiden Autoren in der Berechnung berücksichtigt worden ist. Bereits Stokes hat nämlich gefunden, daß die Richtung des Schallstrahls durch den Windeinfluß nach und nach vom ursprünglichen Azimut in geringem Maße abgelenkt wird; der Schallstrahl wird aus einem geraden zu einem gekrümmten. Schallstrahlen, die in der Horizontalebene der Schallquelle verlaufen, verbleiben bei Windeinfluß in dieser Ebene, nähern sich aber auf der Leeseite nach und nach etwas der Windrichtung. Auf der Luvseite aber entfernen sich die Strahlen von dieser Richtung. Im II. Teil wird die Abweichung vom ursprünglichen Azimut quantitativ festgestellt.

Während hier die Windverhältnisse primär und die Temperaturzustände sekundär für den Verlauf der Schallstrahlen von Bedeutung sind, spielt bei der

[5]) Siehe Literaturverzeichnis; vergl. auch Rayleigh, l. c., Bd. II, pag. 159.

4. Erklärung der anormalen Schallfortpfanzung durch kontinuierliche Refraktion gebeugter Schallstrahlen an Inversionen nach Fr. Nölke (1916).

der Temperaturzustand in der Atmosphäre die Hauptrolle. Die Inversionen, die für das Rückwenden der Schallstrahlen zur Erde in Betracht kommen, sind in ca. 3 km Höhe vorhanden. Ein Strahl kann in einer gewissen Höhe nur unter der Voraussetzung zur Erde gewendet werden, wenn die Lufttemperatur des Umkehrpunktes gleich oder höher als diejenige beim Schallherd ist.[6]) Diese Voraussetzung trifft nur bei Bodeninversionen zu, nicht mehr aber bei Inversionen in den hier in Betracht kommenden Höhen. Nach der Inversionstheorie gelangen also im Gegensatz zur Erklärung der anormalen Schalleitung durch Luftströmungen die geometrischen Schallstrahlen nicht mehr zur Erde zurück, sondern nur die gebeugten. Da sich die anormale Zone nur in bestimmten Quadranten ausbildet, ist anzunehmen, daß der Wind in der Luvseite die Bildung des anormalen Schallgebietes verhindert. Nölke ist der Ansicht, daß auch eine örtliche Begrenzung der Inversionen die Lage, Form und Größe der Schallgebiete beeinflusse.

D. Problemstellung.

Wenn wir nun den heutigen Stand der Theorien für anormale Schallfortpflanzung überblicken, so sehen wir, daß deren zwei Anspruch auf Wahrscheinlichkeit erheben können, nämlich die Erklärung der Fernfortpflanzung des Schalles durch die Luftströmungen in Verbindung mit den Temperaturzuständen einerseits, und durch Inversionen für gebeugte Strahlen anderseits. Für die letztere Theorie sind die Winde von sekundärer Bedeutung.

In der vorliegenden Schrift wird das Problem der anormalen Schallfortpflanzung zunächst gefördert, indem die Schallfiguren für eine Anzahl Fälle bei bestimmten typischen Temperatur- und Windzuständen konstruiert wurden. Dazu bedurfte es einer Herleitung von Konstruktionsformeln als unentbehrliches Mittel zum Zweck, d. h. um den Zusammenhang zwischen den Wetterzuständen und den entstandenen Schallfiguren zu zeigen.

Dann wurden während einer Reihe von Tagen des Winters 1917—18 die in der Schweiz und in Süd-Deutschland festgestellten Beobachtungen über die anormale Hörbarkeit des K. aus dem Elsaß zu tatsächlich vorgekommenen Schallfiguren zusammengestellt. An Hand dieser Schallfiguren und der vorhandenen Beobachtungen über die physikalischen Zustände der Atmosphäre wurde beurteilt, ob in bestimmten Fällen die Luftströmungen oder die Inversionen die Hauptrolle bei der anormalen Schallfortpflanzung spielten.

II. Teil.

Konstruktion von Schallfiguren.

A. Herleitung der Konstruktionsformeln.[1])

Die Schallstrahlengleichungen von S. Fujiwhara.

Nach Mohn und Schiötz ist die erste präzise theoretisch-physikalische Bearbeitung der Fortpflanzung des Schalles in windbewegter Luft S. Fujiwhara zu verdanken. Diese Untersuchung ist aber rein theoretisch durchgeführt, sodaß sie sich für numerische Berechnungen nicht ohne weiteres eignet. An Hand seiner Fundamentalgleichungen wollen wir darum die für Konstruktionen von Schallfiguren notwendigen Formeln herleiten. Wir machen damit seine physikalischen Voraussetzungen, die hier freilich nicht wiederholt werden, zu den unseren. Emden hat nach Abfassung dieser Untersuchung über das Problem eingehend publiziert; er macht auf einen Fehler Fujiwharas aufmerksam, der aber auf die Berechnung der Bahnkurve keinen Einfluß hat. Folgende Gleichungen für die Koordinaten der Schallbahn bilden für uns den Ausgangspunkt:

1a)
$$\pm x = \int_0^z \frac{w\left[\frac{v_0}{\sin i_0} + (w_0 - w)\cos\Theta\right] + v^2\cos\Theta}{v\sqrt{\left[(w_0 - w)\cos\Theta + \frac{v_0}{\sin i_0}\right]^2 - v^2}}\,dz$$

1b)
$$\pm y = \int_0^z \frac{v\sin\Theta}{\sqrt{\left[(w_0 - w)\cos\Theta + \frac{v_0}{\sin i_0}\right]^2 - v^2}}\,dz$$

[6]) Vergl. Phys. Z. 1916, pag. 34.

[1]) In der ganzen Untersuchung über die Formeln, die wir benötigen, bezeichnet der nämliche Buchstabe immer dieselbe Größenart. Die Längeneinheit ist der Meter, worauf auch der Temperatur- und der Windgradient bezogen werden.

Die Scheitelhöhe des Strahls wird gefunden, indem

1c) $$[v_0 + (w_0 - w) \sin i_0 \cos\Theta]^2 - v^2 \sin^2 i_0 = 0$$

nach z aufgelöst wird.

Es bedeuten:

x, y, z = rechtwinklige Koordinaten, die + X Achse in der Richtung **wohin** der Wind weht, z senkrecht aufwärts.
w = Windgeschwindigkeit in m/sec.
v = Schallgeschwindigkeit ohne Berücksichtigung von w in m/sec.
i = Inzidenzwinkel.
Θ = Azimut des Schallstrahles, von der + X Achse aus gerechnet.
$i_0\, v_0\, w_0$ = diesbezügliche Werte im Ursprung.
$\pm$ = vor x und y sind anzuwenden, je nachdem sich die Schallwelle aufwärts, oder abwärts fortpflanzt. In der Folge wird $\pm$ vor x und y weggelassen.

1. Fortpflanzung des Schalles in windstiller Luft.

a) Die allgemeine Integralformel.

Setzt man in Formel 1 a) für
$w = w_0 = 0$, was für Windstille gilt,
ferner $\cos\Theta = 1$, so erhält man

2) $$x = \int_0^z \frac{v}{\sqrt{\left(\frac{v_0}{\sin i_0}\right)^2 - v^2}}\, dz$$

Mit dieser Integralformel lassen sich sämtliche Gleichungen der Schallbahnen für Windstille herleiten, handle es sich um Ausdrücke für Kreise, Parabeln, Kettenlinien oder Zykloiden, welche von den im I. Teil angegebenen Autoren ermittelt wurden.[2])

[2]) Von der Gleichung

3a) $$t = t_0 + \Delta t\, z$$ ausgehend, worin
t = die Temperatur der Luft in der Höhe z
t_0 = „ „ im Niveau des Ursprungs
$\pm \Delta t$ = Temperaturgradient, d. h. Temperaturzu-, resp. -abnahme (vgl. Schlußsatz dieser Fußnote) pro 1 m Höhenzunahme bedeuten, beweist V. Kommerell, daß die Schallbahn in diesem Fall eine Zykloide ist. Auf ganz anderem Wege kann mit Formel 2) dieser Nachweis kurz wie folgt geleistet werden:

3b) Setzt man in $v = 332 \sqrt{1 + \gamma t}$, wo $\gamma = \frac{1}{273}$, der Ausdehnungskoeffizient der Gase ist, 3a) ein, so erhält man

$$v = 332 \sqrt{1 + \gamma t_0 + \gamma \Delta t\, z}$$
$$v^2 = v_0 + 332^2 \gamma \Delta t\, z$$
$$v^2 = v_0^2 + p z \qquad p = \frac{332^2}{273} \Delta t$$

also $$x = \int_0^z \sqrt{\frac{v_0^2 + p z}{\left(\frac{v_0}{\sin i_0}\right)^2 - (v_0^2 + p z)}}\, dz$$

Führt man als Integrationsvariable $u = v_0^2 + p z$ und die Abkürzung
$q = \left(\frac{v_0}{\sin i_0}\right)^2$ ein, so folgt

$$x = \frac{1}{p} \int \sqrt{\frac{u}{q - u}}\, du$$

Für $u = \frac{q}{2}(1 - \cos\vartheta)$ erhält man, nachdem durch Parallelverschiebung des Koordinatensystems erreicht wurde, daß $\vartheta = \vartheta_0$ für $z = 0$ wird:

$$x = \frac{q}{2p} \int_{\vartheta_0}^{\vartheta} \sqrt{\frac{1 - \cos\vartheta}{1 + \cos\vartheta}} \sin\vartheta\, d\vartheta$$

$$x = \frac{q}{2p} \int_{\vartheta_0}^{\vartheta} \sqrt{\frac{(1 - \cos\vartheta)^2}{1 - \cos^2\vartheta}} \sin\vartheta\, d\vartheta$$

b) Die Formeln von Mohn und Schiötz

werden in der Folge in modifizierter Form zu konstruktiven Zwecken immer verwendet, soweit es sich um windstille Luft handelt.

Wir nehmen an, daß die Schallgeschwindigkeit gleichförmig mit der Höhe nach oben abnimmt, setzen also, wenn b eine positive, sehr kleine Konstante bedeutet:

4a) $$v = v_0 - b z$$

Aus 2) erhält man nach erfolgter Integration:

$$x = \frac{1}{b}\left[\sqrt{\frac{v_0^2}{\sin^2 i_0} - (v_0 - bz)^2} \mp v_0 \operatorname{ctg} i_0\right]$$

Die untere Integrationsgrenze ist in diesem Fall, wie bei spätern Integrationen der Formeln 1 a) und b) so gewählt, daß $x = 0$, auch $y = 0$ und $z = 0$ sind, d. h. die Strahlen gehen durch den Ursprung (Schallquelle). Formt man diesen Ausdruck etwas um, so entsteht die Mohn'sche Kreisgleichung:

4b) $$\left(x \mp \frac{v_0}{b} \operatorname{ctg} i_0\right)^2 + \left(z - \frac{v_0}{b}\right)^2 = \left(\frac{v_0}{b} \frac{1}{\sin i_0}\right)^2$$

Bezeichnen wir die Abszisse des Kreismittelpunktes mit ξ, die dazugehörende Ordinate mit η und den Kreisradius mit ς, so erhält man:

4c) $$\xi = \pm \frac{v_0}{b} \operatorname{ctg} i_0$$

4d) $$\eta = \frac{v_0}{b}$$

4e) $$\varsigma = \frac{v_0}{b} \frac{1}{\sin i_0}$$

Aus 4 a) und 3 b) folgt, wenn γ als kleine Größe behandelt wird, was sich hier für Werte von t bis ca. 20° rechtfertigen läßt:

4f) $$b = \frac{v_0 - v}{z} = 332 \cdot \frac{1}{2} \gamma \frac{t_0 - t}{z} = 332 \cdot \frac{1}{2} \gamma \Delta t$$

somit

4g) $$\frac{v_0}{b} = \frac{1 + \frac{1}{2} \gamma t_0}{\frac{1}{2} \gamma \Delta t}$$

$$x = \frac{q}{2p} \int_{\vartheta_0}^{\vartheta} (1 - \cos \vartheta)\, d\vartheta$$

Nach erfolgter Integration findet man durch Vereinfachung und Einführung der absoluten Temperatur T

3c) $$x = \frac{T_0}{2 \sin^2 i_0 \Delta t} \left[(\vartheta - \sin \vartheta) - (\vartheta_0 - \sin \vartheta_0)\right]$$

3d) $$z = \frac{T_0}{2 \sin^2 i_0 \Delta t} (1 - \cos \vartheta) - \frac{T_0}{\Delta t}$$

3e) $$\frac{dz}{dx} = \operatorname{ctg} \frac{\vartheta}{2}, \text{ somit für } z = o$$

$$\frac{dz}{dx} = \operatorname{ctg} i_0 \text{ und für } z = -\frac{T_0}{\Delta t}$$

$$\frac{dz}{dx} = \infty$$

Die Formeln 3 c) und d) stellen die Gleichungen einer gemeinen Zykloide dar, welche vom Berührungspunkt eines Kreises mit einer in der Höhe des absoluten Nullpunktes gelegenen horizontalen Geraden beim Rollen des Kreises auf dieser Horizontalen erzeugt wird. Der Kreisradius beträgt

$$\frac{T_0}{2 \sin^2 i_0 \Delta t}. \text{ Für } x = o \text{ und } z = o$$

ist das analytische Maß des Wälzungswinkels $\vartheta - \vartheta_0$. Im übrigen ist von P. Behrens gezeigt worden, wie sich die Mohn'sche Kreisgleichung, die Rayleigh'sche Kettenlinie und die Matthiessen'sche Parabel auf die allgemeine Integralformel 2) zurückführen lassen. Auch hat R. Emden seine Formeln für die Schallbahn in ruhiger Luft aus einer zu 2) analogen Gleichung hergeleitet. — Der Anschaulichkeit halber wurde Δt hier in der Fußnote ausnahmsweise + gewählt, wenn die Temperatur mit der Höhe zu- resp. abnimmt; im übrigen entspricht in dieser Arbeit, wie allgemein in der Meteorologie üblich ist, einem $\pm \Delta t$ eine Temperatur ab- resp. -zunahme mit der Höhe.

Folgende Formel ist bei numerischen Berechnungen häufig anzuwenden: Ein Strahl verlasse die Schallquelle mit dem Inzidenzwinkel i_0. Aus 4 d) und 4 e) folgt für die Scheitelhöhe z_m:

4h) $$-z_m = \frac{v_0}{b}\left(\frac{1}{\sin i_0} - 1\right)$$

2. Fortpflanzung des Schalles in windbewegter Luft.

a) Anwendungsbereich der Mohn-Schiötz'schen Formeln für windbewegte Luft mit Bezug auf das vorliegende Problem.

Mohn hatte seine Kreisgleichung nicht nur auf ruhige, sondern auch auf windbewegte Luft angewendet, was in seinen speziellen Fällen durchaus zulässig war, nicht aber allgemein in den vorliegenden.

Für die Fortpflanzungsgeschwindigkeit V des Schalles in windbewegter Luft gilt, wenn vom Dampfdruck abgesehen wird:

5a) $$V = 332\sqrt{1 + \gamma t} + w\cos\Theta$$

Beim Summand $w\cos\Theta$ ist vorausgesetzt, daß sich die Schallwellen wie der Wind nur horizontal fortpflanzen. Analog zu 4 f) und g) erhält man, wenn statt 4 a)

5b) $$V = V_0 - Bz$$

gesetzt wird, wobei B wieder eine sehr kleine, positive Konstante bedeutet:

5c) $$\frac{V_0}{B} = \frac{1 + \frac{1}{2}\gamma t_0 + \frac{w_0}{332}\cos\Theta}{\frac{1}{2}\gamma \Delta t - \frac{\Delta w}{332}\cos\Theta}$$

$\pm\Delta w$ bezeichnet den Windgradienten, d. h. die Windgeschwindigkeitszu- resp. -abnahme pro 1 m Höhenzunahme. $\pm$ vor $\frac{B}{V_0}$ und $\frac{b}{v_0}$ entsprechen einem konkaven resp. konvexen Verlauf der Schallbahn nach oben.

A priori kann angegeben werden, daß die nach 5 c) mit entsprechender Verwendung von 4 b) ermittelten Resultate für die Spannweiten der Strahlen um so kleiner als die richtigen Werte sind, je mehr i_0 von $\frac{\pi}{2}$ abweicht. In Formel 5 c) findet nämlich w, abgesehen von $\cos\Theta$, volle Berücksichtigung, während bei beliebigem i_0 nur $w\sin i_0$ in die Werte übergehen darf. 5 c) entspricht somit einem stärkeren Wind, der imstande ist, die infolge Temperaturabnahme zur X-Achse konvex gerichteten Schallstrahlen rascher zum Erdboden zurückzuführen, als dies die tatsächlichen Verhältnisse vermögen. Auch wird in dieser Formel in Verbindung mit 4 b) nicht berücksichtigt, daß die Schallbahn durch die Windgeschwindigkeit — wenn auch nur minim — vom ursprünglichen Azimut abgelenkt wird.[3])

Trotz dieser Nachteile eignet sich aber die Mohn'sche Kreisgleichung für windbewegte Luft ausgezeichnet zur raschen Durchführung von Überschlagsrechnungen, denn im Grunde genommen gibt Mohn das Wesentliche an und hat den Vorteil, sehr anschaulich zu sein. Für die eigentliche Berechnung werden in der Folge präzisere Formeln hergeleitet durch

b) Verwendung von Fujiwhara's Schallstrahlengleichungen.

Die Herleitung der für konstruktive Zwecke notwendigen Formeln beschränkt sich zunächst auf die Leeseite der Schallquelle. Hernach wird gezeigt, wie durch einen Wechsel der Vorzeichen die nämlichen Formeln auch für die Luvseite des Schallherdes gültig sind.

aa) Fortpflanzung des Schalles in der Leeseite der Schallquelle.

α) Temperaturkonstanz. Lineare Zunahme der Windgeschwindigkeit mit der Höhe.

Findet die Schallfortpflanzung in einer isothermen Schicht, in der ein Wind weht, statt, und wählt man für die Windgeschwindigkeitszunahme mit der Höhe die lineare Gleichung:

6 a) $w = w_0 + az$ (a eine sehr kleine positive Konstante), so erhält man aus 1 a) nach erfolgter Integration:

6b)[4]) $$x = \frac{w_0 + \frac{v_0}{\sin i_0 \cos\Theta}}{v_0\, a\cos\Theta}\left(v_0 \operatorname{ctg} i_0 - \sqrt{\varepsilon^2 - v_0^2}\right) - \frac{1}{2\, v_0\, a\cos^2\Theta}\left(\frac{v_0^2 \operatorname{ctg} i_0}{\sin i_0} - \varepsilon\sqrt{\varepsilon^2 - v_0^2}\right)$$
$$+ \frac{v_0}{a}\left(1 - \frac{1}{2\cos^2\Theta}\right)\log\frac{v_0(1 + \cos i_0)}{\left(\varepsilon + \sqrt{\varepsilon^2 - v_0^2}\right)\sin i_0}$$

[3]) Vergl. quantitative Angabe im Anschluß an Formel 6 h).

[4]) Der natürliche Logarithmus wird mit log, der gemeine mit Log bezeichnet.

wobei bedeutet:

$$\varepsilon = \frac{v_0}{\sin i_0} - a\, z \cos \Theta$$

Den 2. Wert von x, für welchen der Schallstrahl dieselbe Höhe z erreicht, erhält man, indem vor die Wurzel das andere Vorzeichen gesetzt wird. Analog liefert 1 b)

6c) $$y = \frac{v_0}{a} \operatorname{tg} \Theta \log \frac{v_0 (1 + \cos i_0)}{\left(\varepsilon \pm \sqrt{\varepsilon^2 - v_0^2}\right) \sin i_0}$$

Für die Scheitelhöhe $z_{m\Theta}$ folgt aus 1 c) in Analogie zu 4 h)

6d) $$z_{m\Theta} = \frac{v_0}{a \cos \Theta} \left(\frac{1}{\sin i_0} - 1\right)$$

Wir wollen jetzt die durch 6 b), c), d) dargestellte Raumkurve diskutieren. Zunächst besprechen wir die beiden in die XZ- und YZ-Ebenen orthogonal projizierten Kurven. Die Koordinaten des Scheitels, $x_{m\Theta}$ und $y_{m\Theta}$, werden erhalten, indem $z_{m\Theta}$ in 6 b) und c) eingesetzt wird, nämlich:

6e) $$x_{m\Theta} = \frac{v_0}{a} \left(1 - \frac{1}{2 \cos^2 \Theta}\right) \log \operatorname{ctg} \frac{i_0}{2} + \frac{\operatorname{ctg} i_0}{a \cos^2 \Theta} \left(\frac{v_0}{2 \sin i_0} + w_0 \cos \Theta\right)$$

6f) $$y_{m\Theta} = \frac{v_0}{a} \operatorname{tg} \Theta \log \operatorname{ctg} \frac{i_0}{2}$$

Für $z = 0$ erhält man aus 6 b) und c) außer Null als Koordinaten des 2. Spurpunktes

$$2\, x_{m\Theta} \text{ und } 2\, y_{m\Theta}$$

Somit besteht jede der orthogonalen Projektionen aus zwei symmetrischen Ästen, was durch Einsetzen von numerischen Werten in den folgenden zwei Differentialquotienten bestätigt wird.

6g) $$\frac{dx}{dz} = \pm \left(\frac{w_0}{v_0} + \frac{1}{\sin i_0 \cos \Theta}\right) \frac{\varepsilon}{\sqrt{\varepsilon^2 - v_0^2}} \mp \frac{1}{2 v_0 \cos \Theta} \left[\frac{\varepsilon^2}{\sqrt{\varepsilon^2 - v_0^2}} + \sqrt{\varepsilon^2 - v_0^2}\right] + v_0 \cos \Theta \left(1 - \frac{1}{2 \cos^2 \Theta}\right) \frac{1 \pm \frac{\varepsilon}{\sqrt{\varepsilon^2 - v_0^2}}}{\varepsilon \pm \sqrt{\varepsilon^2 - v_0^2}}$$

6h) $$\frac{dy}{dz} = v_0 \sin \Theta \frac{1 \pm \frac{\varepsilon}{\sqrt{\varepsilon^2 - v_0^2}}}{\varepsilon \pm \sqrt{\varepsilon^2 - v_0^2}}$$

Für $z = 0$ erhält man aus diesen beiden Formeln

$$\frac{dx}{dz} = \cos \Theta \operatorname{tg} i_0 \text{ und } \frac{dy}{dz} = \sin \Theta \operatorname{tg} i_0 \qquad \frac{dy}{dx} = \operatorname{tg} \Theta$$

$$z = o$$
$$w_0 = o$$

In Betreff der Diskussion der Schallbahn selbst ist hervorzuheben, daß die Raum-Kurve einer ebenen sehr nahe kommt, was durch Einsetzen von numerischen Werten in 6 b) bis 6 h) und der Untersuchung der orthogonalen Projektion in der XY-Ebene an Hand des Ausdruckes:

$$\frac{dy}{dx} \left(= \frac{dy}{dz} : \frac{dx}{dz}\right)$$

der nahezu konstant ist, folgt.

Für ein numerisches Beispiel wählen wir folgende Werte: $a = 0{,}01$ m/sec.; $v_0 = 332{,}0$ m/sec.; $i_0 = 75°$; $\Theta = 45°$; $w_0 = 0$ m sec. $a = 0{,}01$ m/sec. repräsentiert einen sehr starken Windgradienten; trotzdem ist die Abweichung der Raumkurve von einer ebenen sehr gering. Folgende Ergebnisse der Berechnung seien hier angeführt:

$2\, x_{m\Theta} = 18{,}420$ km Azimut des 2. Spurpunktes 43° 41′ statt 45°
$2\, y_{m\Theta} = 17{,}590$ „
$z_{m\Theta} = 1{,}660$ „

Wir dürfen annehmen, daß die Raumkurve ganz in einer Ebene verläuft, die senkrecht auf der XY-Ebene steht, und deren Azimut nur wenig kleiner als das ursprüngliche Azimut Θ ist.

β) Schallgeschwindigkeitsabnahme als lineare Funktion der Höhe infolge der Temperaturabnahme ($v = v_0 - b\,z$). Lineare Zunahme der Windgeschwindigkeit nach oben.[5])

Wählt man die beiden früher besprochenen linearen Gleichungen 4 a) und 6 a), so erhält man aus 1 a) und b) Ausdrücke, die sich wegen zahlreichen Summanden für numerisches Rechnen nicht eignen. Diese Ausdrücke können aber bei praktischen Berechnungen entbehrt werden. Untersucht man nämlich die in diesem Fall durch 1 a)—c) ausgedrückte Kurve, so liefert die Diskussion das nämliche Ergebnis wie für 6 b)—d). Bei Berechnung von Schallbahnen der vorliegenden Art reicht deshalb für die meisten Zwecke die Kenntnis der Koordinaten des Scheitels $x_{m\Theta}$, $y_{m\Theta}$ und $z_{m\Theta}$ resp. des 2. Spurpunktes $2\,x_{m\Theta}$ und $2\,y_{m\Theta}$ aus. Nach 1 c) folgt für die Scheitelhöhe:

7a) $$z_{m\Theta} = \frac{v_0}{a\cos\Theta - b}\left(\frac{1}{\sin i_0} - 1\right)$$ [6])

Die Integration von 1 a) und b) nach Berücksichtigung der beiden Gleichungen 4 a) und 6 a), nachträgliches Einsetzen der Scheitelhöhe 7 a), und Anwendung des Hülfswinkels

$$\sin\alpha = \frac{b}{a\cos\Theta}$$

liefern für die übrigen Koordinaten des Scheitels:

7b) $$x_{m\Theta} = \frac{a\,v_0}{b^2\cos\alpha}\left[1 + \frac{b\,w_0}{a\,v_0} + \frac{b\cos\Theta}{a\cos\alpha\,\mathrm{ctg}\,\alpha} - \frac{1 - \frac{1}{\sin i_0}\left(\sin\alpha - \frac{b}{a}\cos\Theta\right)}{\mathrm{ctg}^2\,\alpha}\right]\log\frac{\cos\frac{i_0+\alpha}{2}}{\sin\frac{i_0-\alpha}{2}}$$
$$- \frac{(a^2 - b^2)\,v_0\,\mathrm{ctg}\,i_0\cos\Theta}{b^3\,\mathrm{ctg}^2\,\alpha} - \frac{a\,v_0 + b\,w_0}{b^2}\log\mathrm{ctg}\,\frac{i_0}{2}.$$

7c) $$y_{m\Theta} = \frac{v_0\,\mathrm{ctg}\,i_0\sin\Theta}{b\,\mathrm{ctg}^2\,\alpha}\left(1 + \frac{4\sin\frac{i_0-\alpha}{2}\cos\frac{i_0+\alpha}{2}}{\sin 2\alpha\cos i_0}\log\frac{\cos\frac{i_0+\alpha}{2}}{\sin\frac{i_0-\alpha}{2}}\right)$$

Für den Strahl, der sich in der XZ-Ebene, und zwar in Windrichtung fortpflanzt, erhält man aus 7 b), indem $\cos\Theta = 1$ gesetzt wird:

7d) $$x_{mo} = \frac{1}{b\cos\alpha}\left(w_0 + \frac{v_0}{\sin\alpha}\right)\log\frac{\cos\frac{i_0+\alpha}{2}}{\sin\frac{i_0-\alpha}{2}} - \frac{v_0}{b}\,\mathrm{ctg}\,i_0 - \frac{1}{b}\left(w_0 + \frac{v_0}{\sin\alpha}\right)\log\mathrm{ctg}\,\frac{i_0}{2}$$

Ist zudem $w_0 = 0$, so tritt noch folgende Vereinfachung ein

7e) $$x_{mo} = \frac{v_0}{b}\left(\frac{2}{\sin 2\alpha}\log\frac{\cos\frac{i_0+\alpha}{2}}{\sin\frac{i_0-\alpha}{2}} - \frac{\log\mathrm{ctg}\,\frac{i_0}{2}}{\sin\alpha} - \mathrm{ctg}\,i_0\right)$$
$$w_0 = o$$

Approximative Berechnung, angewendet bei den Konstruktionen IV—VIII.

Die besprochene geringe Abweichung der Kurve vom ursprünglichen Azimut ist von untergeordneter Bedeutung im Vergleich zum enormen Betrag der Diffraktion von Schallwellen mit den hier in Betracht kommenden Wellenlängen. Zudem ist hervorzuheben, daß die Gleichungen 4 a) und 6 a) nur angenähert den tatsächlichen Temperatur- und Windzuständen der Atmosphäre entsprechen. Diese Gründe rechtfertigen zur Genüge, bei Berechnung von Schallfiguren in vielen Fällen die geringe Abweichung der Schallbahn vom ursprünglichen Azimut zu vernachlässigen. Die für numerisches Rechnen lästige Formel 7 b) wird dadurch, wie auch 7 c), überflüssig, und in einem beliebigen Punkt der Schallbahn mit der Höhe z kann durch ein einfaches Verfahren der Inzidenzwinkel i, und die Entfernung der Orthogonalprojektion dieses Punktes auf der XY-Ebene vom Ursprung ermittelt werden.

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[5]) Vergl. Fujiwhara, l. c., No. 1, pag. 49.
[6]) Vergl. Fujiwhara, l. c., No. 1, pag. 49.

Bezeichnen wir die Entfernung des auf die XY-Ebene orthogonal projizierten Scheitels von der sich im Ursprung befindenden Schallquelle mit $\Xi_{m\Theta}$, so erhält man

8a) $$\Xi_{m\Theta} = \frac{1}{b \cos \alpha}\left(w_0 \cos \Theta + \frac{v_0}{\sin \alpha}\right) \log \frac{\cos \frac{i_0 + \alpha}{2}}{\sin \frac{i_0 - \alpha}{2}} - \frac{v_0}{b} \operatorname{ctg} i_0 - \frac{1}{b}\left(w_0 \cos \Theta + \frac{v_0}{\sin \alpha}\right) \log \operatorname{ctg} \frac{i_0}{2}$$

Ist $w_0 = 0$, so entsteht die einfache Formel:

8b) $$\Xi_{m\Theta} = \frac{v_0}{b}\left(\frac{2}{\sin 2\alpha} \log \frac{\cos \frac{i_0 + \alpha}{2}}{\sin \frac{i_0 - \alpha}{2}} - \frac{\log \operatorname{ctg} \frac{i_0}{2}}{\sin \alpha} - \operatorname{ctg} i_0\right)$$
$$w_0 = o$$

Im Gegensatz zu 7 d) und e) gilt für 8 a) und b)

$$\sin \alpha = \frac{b}{a \cos \Theta} \quad \text{und nicht} \quad \sin \alpha = \frac{b}{a}$$

Ist in einem beliebigen Punkt der Schallbahn mit der Höhe z der Inzidenzwinkel i_z gesucht, so bestimmt man nach 7 a) zunächst den zugehörigen Wert $z_{m\Theta}$ für i_0. Darauf folgt

8c) $$z_{m\Theta} - z = \frac{v_z}{a \cos \Theta - b}\left(\frac{1}{\sin i_z} - 1\right)$$ woraus i_z bestimmt werden kann.

Die Entfernung der Orthogonalprojektion dieses Punktes auf der XY-Ebene vom Ursprung wird gefunden, indem nach 8 a) oder 8 b) $\Xi_{m\Theta}$ für i_z und i_0 ermittelt und hernach die Differenz der beiden Größen gebildet wird, falls der Punkt auf dem der Schallquelle angehörenden Ast der Kurve liegt.

γ) Fortpflanzung des Schalles in einer Inversion mit Konstanz der Windgeschwindigkeit.

Um den Einfluß eines Windes mit konstanter Geschwindigkeit ($a = 0$) auf die Schallstrahlen zu ermitteln, gehe man von den Beziehungen

$w = w_0$ und
$v = v_0 + b z$ aus, worin b wiederum eine sehr kleine positive Konstante bedeutet.

Durch Integration und nachheriges Einsetzen von $z = 0$ erhält man aus 1 a)

9a) $$x = 2 \frac{w_0}{b} \log \operatorname{ctg} \frac{i_0}{2} + 2 \cos \Theta \frac{v_0}{b} \operatorname{ctg} i_0$$

Analog liefert 1b)

9b) $$y = 2 \sin \Theta \frac{v_0}{b} \operatorname{ctg} i_0 \quad \text{somit}$$

9c) $$\left(x - 2 \frac{w_0}{b} \log \operatorname{ctg} \frac{i_0}{2}\right)^2 + y^2 = \left(2 \frac{v_0}{b} \operatorname{ctg} i_0\right)^2$$

d. h. der Ort aller 2. Spurpunkte der Strahlen mit gleichem Inzidenzwinkel ist ein Kreis in der XY-Ebene, dessen Radius $2 \frac{v_0}{b} \operatorname{ctg} i_0$ beträgt und dessen Zentrum auf der X-Achse $2 \frac{w_0}{b} \log \operatorname{ctg} \frac{i_0}{2}$ leewärts des Ursprungs liegt.

δ) Fortpflanzung des Schalles in einer Inversion mit einem positiven Windgradienten.

Die Formeln 4 a)—h), 7 a)—e) und 8 a)—c) haben volle Gültigkeit, nur ist $-b$ statt b zu setzen, was auch auf den angewendeten Hülfswinkel zu übertragen ist.

bb) Fortpflanzung des Schalles in der Luvseite der Schallquelle.

Bis jetzt haben wir angenommen, daß der Wind in der Richtung der $+X$-Achse weht; demgemäß waren w, w_0 und a $+$. Pflanzt sich der Wind gegen den Schall fort, wie es auf der Luvseite der Fall ist, so sind in den diesbezüglichen Formeln diese drei Größen $-$ zu setzen.

B. Konstruktionen.

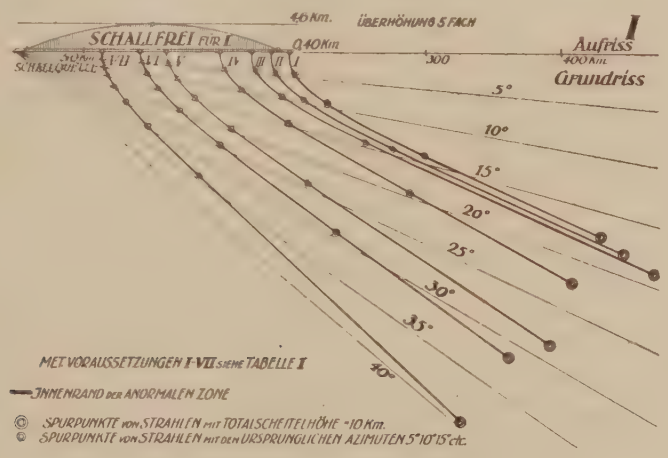
Es werden jetzt die Einflüsse von 9 verschiedenen Fällen atmosphärischer Zustände auf die anormale Schallfortpflanzung untersucht. In den beiden ersten werden solche meteorologische Faktoren berücksichtigt, die für die Luftströmungstheorie von besonderer Bedeutung sind. Dann wird im 3. Fall gezeigt, in welchem Maße die Temperaturzustände allein die anormale Schalleitung verursachen können. Auch im 4. Fall, in welchem der Einfluß des Windgradienten auf Inversionen untersucht wird, steht der Temperaturzustand der Atmosphäre im Vordergrund des Interesses. Darauf folgen die mehr exzeptionellen Fälle 5 bis 9.

In sämtlichen Fällen, mit Ausnahme des letzten, werden nur Luftschichten bis 10 km Höhe in Betracht gezogen, weil bis in diese Höhe die Atmosphäre gut bekannt ist. Falls noch höhere Luftschichten berücksichtigt würden, müßte mit unbestimmten Schlußfolgerungen gerechnet werden. Es soll damit nicht gesagt sein, daß die Atmosphäre über 10 km Höhe nicht mehr für die Schallfortpflanzung in Frage komme.

Die Diffraktion des Schalles sollte wegen ihrer enormen Wichtigkeit für das vorliegende Problem in jedem einzelnen Falle berücksichtigt werden; um aber teilweise Wiederholungen zu vermeiden, wird sie einzig beim 3. Fall diskutiert, weil sie dort besonders drastisch zur Geltung kommt.

Die Berechnung der Schallbahnen für ruhige Luft wurde immer nach den Formeln 4 a)—h) durchgeführt. Für windbewegte Luft wurden die Konstruktionen I und II nach 7 a)—e) und IV bis VIII nach den approximativen Ausdrücken 8 a)—c) ermittelt.

1. Entstehung der anormalen Schallzone. Kleine Variation der Höhe, in welcher die kontinuierliche Brechung durch die Luftströmung beginnt, ferner leichte Änderung des Temperatur- und des Windgradienten. Einfluß dieser kleinen Variationen auf die Form und die Entfernung des Innenrandes der anormalen Zone von der Schallquelle.



Konstruktion I.

Beim Beginn der Berechnungen handelte es sich zuerst darum, die Temperatur- und Windgradienten, auch die Höhe der Atmosphäre, in welcher der Einfluß des Windgradienten beginnt, so zu kombinieren, damit überhaupt anormale Schallzonen entstanden und ihre innern Ränder in geeigneter Distanz vom Schallherd vorkamen. Ist nämlich nur ein Wind vorhanden, und wirkt dessen Windgradient bereits vom Niveau der Schallquelle (Erdboden) an stärker auf die Schallbahn als der (positive) Temperaturgradient, so entsteht überhaupt keine Zone des Schweigens. Es hat sich beispielsweise gezeigt, daß ein Windgradient von 0,40 m/sec. pro 100 m, der in 300 m Höhe über dem Schallherd einsetzt, den häufig vorkommenden Temperaturgradienten von 0,60° pro 100 m in Bezug auf die Schalleitung so beeinflußt, daß der Innenrand der sekundären Zone auf der X-Achse (Richtung, wohin der Wind weht) 173,0 km von der Schallquelle entfernt entsteht.

Wir wollen jetzt die Verschiebung der Grenze zwischen der Zone des Schweigens und dem Gebiet der anormalen Hörbarkeit untersuchen, wenn sich folgende Faktoren wenig ändern:

1. die Höhe der Atmosphäre, in welcher der Einfluß des Windgradienten beginnt (Annahmen I, II und III);
2. der Temperaturgradient (I, IV und V);
3. der Windgradient (I, VI und VII).

Für sämtliche sieben untersuchten Einzelfälle wird gemeinsam vorausgesetzt, daß sich die Schallquelle auf einer horizontalen Ebene (Erdboden) befinde, die dortige Lufttemperatur 0° C. betrage und die Geschwindigkeit des Windes in seinem tiefsten Niveau gleich Null sei. Nur die Strahlen sind berücksichtigt, die von der Schallquelle horizontal ausgehen, weil diese die innere Grenze der anormalen Zone bilden, wie aus dem in der Konstruktion I eingezeichneten Strahlenverlauf ersichtlich ist. Die Strahlen mit kleinern Inzidenzwinkeln haben ihren 2. Spurpunkt in der anormalen Zone drin.

Es ist interessant, an Hand von Konstruktion I und Tabelle I einen Einblick in den Wechsel der Ausdehnung des schallerfüllten Gebietes als Folge dieser Variationen zu erhalten. Da die Grenzkurven symmetrisch sind in Bezug auf die X-Achse, so wird in der Konstruktion, in der Tabelle und auch in der Diskussion nur die eine Hälfte berücksichtigt.

Tabelle I.

Einfluß einer kleinen Variation der Höhe, in welcher der Windgradient beginnt, ferner des Temperatur- und des Windgradienten auf die Totalweite, Totalscheitelhöhe und auf das Azimut für die Totalscheitelhöhe = 10 km.

Annahme	Temperaturabnahme pro 100 m in o C. = 100 ⊿t	Windgeschw.-zunahme pro 100 m in m/sec. = 100 ⊿w	Beginn des Windgradienten von m Höhe an	Windgeschw. in 10 km Höhe m/sec.	Totalscheitelhöhe in km nach Azimuten (Θ)										Azimut für Totalscheitelhöhe = 10 km	Totalweite für Θ = 0° km
					0°	5°	10°	15°	20°	25°	30°	35°	40°	45°		
I	0,60	0,40	400	38,4	4,6	4,8	5,5	7,4	14,4	n					17° 51′	201,0
II	0,60	0,40	350	38,6	4,1	4,2	4,8	6,5	12,6	n					18° 43′	187,4
III	0,60	0,40	300	38,8	3,5	3,6	4,1	5,6	10,8	n					19° 35′,5	173,0
IV	0,58	0,40	400	38,4	3,4	3,5	3,9	4,7	6,7	15,7	n				23° 3′	150,0
V	0,55	0,40	400	38,4	2,5	2,5	2,7	3,0	4,1	5,5	12,2	n			29° 14′	110,4
VI	0,60	0,45	400	43,2	2,1	2,2	2,3	2,5	2,9	3,9	6,5	47,2	n		32° 12′	91,4
VII	0,60	0,50	400	48,0	1,5	1,5	1,6	1,6	1,8	2,1	2,6	3,7	8,7	n	40° 24′	63,6

Temperatur t_0 im Niveau der Schallquelle (Erdoberfläche) = 0°
Anfangsgeschwindigkeit w_0 des Windes = 0 m/sec.
n = Scheitelhöhe negativ.

Betrachten wir zunächst den Einfluß eines Herabsetzens der Grenze, in welcher die Windzunahme beginnt. Auf diese Art sind die Kurven I—III der Konstruktion I entstanden, d. h. die Höhe, in welcher der Windgradient einsetzt, ist von 400 auf 350 bis 300 m erniedrigt worden. Als Folge dieser Höhenreduktion wird der Innenrand der Außenzone, auf der X-Achse gemessen, um 13,6 resp. um 28,0 km gegen die Schallquelle verschoben. Ein Tieferlegen der Windschicht entspricht nämlich einer Vergrößerung des Inzidenzwinkels an der Grenzfläche zwischen der windstillen und der windbewegten Atmosphärenschicht. Darum wird dann nicht nur die Distanz zwischen der Grenzkurve und der Schallquelle kleiner, sondern auch die Totalscheitelhöhe nimmt ab. Die schwache Änderung der Höhe, in welcher der Windgradient beginnt, kann als eine Funktion der Zeit aufgefaßt werden. Die anormale Zone ist in diesem Falle zeitlich nicht stabil begrenzt, sondern ihre Abgrenzung gegen die Schallquelle hin vibriert innerhalb der Grenzkurven I—III. Eine solche Änderung kann in kurzer Zeit vorkommen und dementsprechend auch eine Verschiebung der Grenze.

Wir kommen jetzt zur Besprechung des Einflusses einer kleinen Abnahme des Temperaturgradienten auf die Lage der Grenzkurve. Es handelt sich um die Begrenzungen I, IV und V. In Annäherung an die mittleren Tatsachen setzen wir die Temperaturabnahme pro 100 m auf rund 0,60° fest. Ein kleinerer Temperaturgradient bedingt eine flachere Schallbahn und damit einen größeren Inzidenzwinkel an der Trennungsschicht in 400 m Höhe; somit wird eine geringere Totalscheitelhöhe, aber auch eine kürzere Totalweite erreicht. Die geringe Änderung dieses Gradienten auf 0,58° resp. 0,55° verursacht eine Verschiebung des Innenrandes der anormalen Zone um 51,0 resp. 90,6 km längs der X-Achse. Das Schallbild reagiert also sehr stark auf kleine Änderungen in der Temperatur. Man kann sich also nicht verwundern, wenn man sechs Stunden lang den Schall hört und dann nicht mehr.

Es ist nötig, daß man sich über die Bedeutung solcher Mittelwerte für den Temperaturgradienten, wie sie angewendet worden sind, Rechenschaft gibt. In einem bestimmten Vorkommnisse sind nicht etwa Mittelwerte, sondern die

tatsächlichen — so weit als möglich festsetzbaren —, zu jener Zeit vorhandenen einzelnen Temperaturabstufungen mit Bezug auf ihre Höhenlagen zu berücksichtigen. Folgendes einfache Beispiel gibt nämlich darüber Aufschluß, wie Mittelwerte für die Temperaturzustände der Atmosphäre zu falschen Ergebnissen über die Schallfortpflanzung führen. Die in den Annahmen I, III und V gewählten Temperaturgradienten ergeben eine Temperatur von -60^0, -58^0 und -55^0 in 10 km Höhe, da für die Erdoberfläche 0^0 vorausgesetzt wurde. Den Gradienten von $0{,}58^0$ könnte man nun als Mittelwert annehmen für unsere 10 km hohe Luftschicht, wenn letztere zwar im ganzen einen Gradienten von $0{,}60^0$ hätte, aber ihr eine Isothermie von 333,3 m Mächtigkeit eingelagert wäre, was also einer Temperatur von -58^0 in 10 km Höhe entspricht. Diese Isothermie hätte dann bewirkt, daß die, für den konstanten Gradienten $0{,}60^0$ gefundene Totalweite von 201,0 km auf 150,0 km reduziert worden wäre. Zu ganz anderen Resultaten gelangt man aber, wenn diese isotherme Schicht effektiv bei der Berechnung berücksichtigt und zudem, was unerläßlich ist, in bestimmter Höhe angenommen wird. Ist z. B. die Isothermie direkt dem Erdboden aufgelagert, so kommt nach der Berechnung überhaupt keine Zone des Schweigens zur Ausbildung wegen der geradlinigen Schallfortpflanzung in der isothermen Schicht; befindet sich aber das untere Niveau dieser Schicht in 400 m Höhe, so beträgt die Entfernung des äußeren Randes der Schweigenszone auf der X-Achse 81,6 km vom Schallherd. Man wird also bei der Berechnung empirischer Fälle wenn irgendwie möglich die Benützung von Mittelwerten für den Temperaturgradienten vermeiden.

Wir gehen jetzt zur Besprechung des Einflusses einer kleinen Schwankung des Windgradienten über. Die gewählten graduellen Zunahmen der Windgeschwindigkeit pro 100 m Erhebung um 0,40, 0,45 und 0,50 m sec. (Annahmen I, VI und VII) stehen mit den meteorologischen Beobachtungen in Einklang, unter dem Vorbehalt, daß die Gleichung $w = w_0 + a z$ den Tatsachen nur approximativ entspricht. Die resultierenden Windgeschwindigkeiten betragen in 10 km Höhe 38,4 bis 48 m/sec. Die erstere Geschwindigkeit ist noch ein ab und zu vorkommender Wert. Letztere hingegen entspricht bereits einem Ausnahmszustand. Immerhin ist eine Mitteilung von Hann[7]) zu erwähnen, daß man aus den Wolkenmessungen oberhalb der Höhe von 7 km Windgeschwindigkeiten von 70 bis 100 m sec. gefunden hat.

Der Einfluß des selbst gering variierenden Windgradienten auf die Verschiebung der Grenzkurve gegen die Schallquelle hin ist auffallend groß. Einzig ein geringes Anwachsen des Windgradienten von 0,40 auf 0,45 resp. 0,50 m/sec. pro 100 m bei sonst gleichbleibenden meteorologischen Zuständen hat zur Folge, daß der innere Rand der anormalen Zone auf der X-Achse statt 201,0 nur 91,4 resp. 63,6 km von der Schallquelle entfernt gebildet wird. Diese Reduktion wird durch Überlegung des Einflusses, den der Ausdruck $a \cos \Theta - b$ der Formel 7 a) auf die Schallbahn ausübt, verständlich.

Wenn $a \cos \Theta = b$ ist, d. h. wenn die Aufwärtskrümmung durch den Temperaturgradienten aufgehoben wird durch die Abwärtskrümmung infolge des Windgradienten, werden die Schallstrahlen zu Geraden. Um den Zusammenhang zwischen den Temperatur- und den Windgradienten weiter zu verfolgen, müssen wir die hergeleiteten Formeln 9 a)—c) benützen. Aus diesen Ausdrücken geht hervor, daß ein Schallstrahl, der z. B. infolge Zunahme der Temperatur mit der Höhe Tendenz hat, zur Erde zurückzugelangen, daran durch einen Wind, der keinen Windgradienten hat, nicht verhindert wird; der Einfluß dieses Windes beschränkt sich lediglich darauf, den Schallstrahl mitzutragen.[8]) Einen ähnlichen Einfluß (verbunden allerdings mit Abschwächung des akustischen Brechungsvermögens der Temperaturänderung) üben Luftströmungen aus, deren Windgradient den Temperaturgradienten in Bezug auf die Schallfortpflanzung nicht zu kompensieren vermag ($a \cos \Theta < b$).

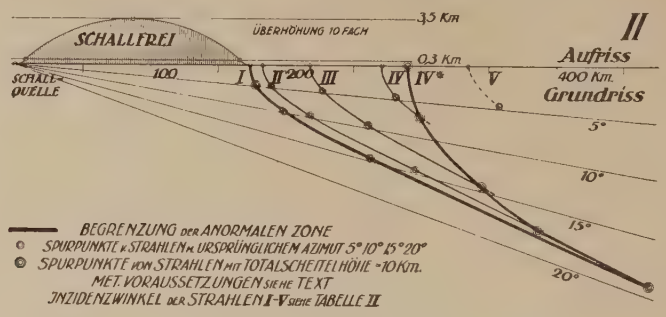
Um die Einflüsse der oben erwähnten drei Faktoren (Höhe, in welcher der Windgradient beginnt, Temperatur- und Windgradient) auf die azimutale Ausdehnung und damit auf die Form des schallerfüllten anormalen Gebietes auch miteinander vergleichen zu können, wollen wir mit der früher angegebenen Begründung annehmen, daß die Totalscheitelhöhe 10 km nicht überschreite. Wie die Tabelle I zeigt, hat das Tieferlegen der untern Grenze der Windschicht von 400 auf 300 m (Annahmen I und III) eine Zunahme des Azimutes um $1^0\ 44'{,}5$ zur Folge. Eine Verkleinerung des Temperaturgradienten von $0{,}60^0$ pro 100 m um $0{,}05^0$ (Annahmen I und V) vergrößert das Azimut um $11^0\ 23'$. Der gering variierende Windgradient von 0,40 zu 0,50 m/sec. pro 100 m endlich (Annahmen I und VII) erweitert es um $22^0\ 33'$. Im Vergleich zu der Größe des Zentriwinkels empirischer anormaler Schallfiguren sind diese Beträge für die Vergrößerung, wie für die Totalwerte des Azimutes in Tabelle I überhaupt, als sehr kleine zu bezeichnen. Das Gemeinsame sämtlicher sieben Grenzkurven liegt darum, abgesehen von der Form, die eine ausgesprägte Achse, die Windrichtung, aufweist, ganz besonders in der geringen seitlichen Ausdehnung. — Die Azimute der Asymptoten für die Kurven ergeben sich aus

$$a \cos \Theta - b = 0.$$

[7]) l. c., III. Aufl., pag. 394.

[8]) Einzig für einen Wind ohne Windgradienten trifft also die Ansicht v. d. Bornes zu, „daß die Bedingungen, unter denen eine Rückkehr nach oben gerichteter Strahlen (in windbewegter Luft) zur Erde stattfindet, dieselben bleiben wie bei Windstille.“ (Phys. Z. 1910, pag. 487.)

2. Einfluß des Windgradienten auf die Größe und die Intensitätsverteilung des anormalen Gebietes.



Konstruktion II.

Während wir uns im letzten Abschnitt vorwiegend mit der Form des Innenrandes der anormalen Zone beschäftigten und der Entfernung dieser Kurve von der Schallquelle, tritt jetzt die Größe und Intensitätsverteilung des anormalen Gebietes in den Vordergrund des Interesses. Konstruktion II repräsentiert einen Ausbau der Annahme III der Konstruktion I. In der vorliegenden Darstellung haben darum die früheren allgemeinen Voraussetzungen volle Gültigkeit mit folgender Ausnahme. Bisher wurden nur die Strahlen verfolgt, die von der Schallquelle horizontal ausgehen, dann infolge der Temperatur- und Windgradienten die Zone des Schweigens überbrücken und ihre 2. Spurpunkte auf dem Innenrand der anormalen Zone haben. Um aber das Schallgebiet vollständig abzugrenzen, sind noch die Strahlen, welche die Maximalentfernung zurücklegen, zu berücksichtigen. Mit Bezug auf die frühere Begründung nehmen wir dafür diejenigen an, welche das Windniveau in 10 km Höhe tangieren. Der Strahl z. B., der sich in der XZ-Ebene fortpflanzt, und 10 km Totalscheitelhöhe erreicht, hat in der Schallquelle, wie Tabelle II angibt, einen Inzidenzwinkel von 83° 21′.

Tabelle II.

	i_0 = Inzidenzwink. im Ursprung. (Schallquelle)	Totalscheitelhöhe in km für Azimut						Azimut für Totalscheitelhöhe: 10 km	Totalweite für $\Theta = 0^0$ km
		0°	5°	10°	15°	20°	25°		
I.	90° —	3,5	3,6	4,1	5,6	10,8	n	19° 35,′5	173,0
II.	88° —	4,1	4,2	4,9	6,5	12,8	n	18° 41′	182,5
III.	86° —	5,8	6,1	7,0	9,4	18,6	n	15° 38′	217,5
IV.	84° —	8,8	9,2	10,6	14,3	28,4	n	8° 25′	270,0
IV.*	83° 21′	10,0	10,4	12,0	16,3	32,4	n	0°	289,5
V.	82° —	13,0	13,5	15,6	21,2	42,2	n	—	334,5

n = Scheitelhöhe negativ.

Die ganze Form des äußeren Schallgebietes entspricht vollständig den Schlüssen, die a priori aus 7 a) gezogen werden können: Auf der + X-Achse ist die äußere Begrenzung der anormalen Zone 289,5 km von der Schallquelle entfernt. Die sich der Asymptote anschmiegende, scharf auslaufende Spitze hat freilich nur theoretisches Interesse. Eine Verzerrung der Schallwellen wird hier in einem solchen Grad eintreten, daß der Schall nicht mehr wahrgenommen werden kann.

Im weitern ermöglicht die Konstruktion eine Beurteilung der Intensitätsverteilung. Man stelle sich zu diesem Zwecke vor, daß die Kugel mit dem Radius 1, die ihr Zentrum in der Schallquelle hat, von Vertikalkreisen in Kugelzweiecke zerlegt werde mit einer Winkelöffnung von je 5°, also mit den Azimuten von 0—5°, 5—10° und 10—15°. Man denke sich ferner auf einem Vertikalkreis von der Horizontalebene aus je 2° aufwärts abgetragen und durch die Teilpunkte Horizontalkreise gelegt. Letztere können somit als Schnittkurve der Einheitskugel und der Inzidenzwinkel von 88°, 86°, 84° und 82° aufgefaßt werden. Da, wie die Tabelle II zeigt, von der Horizontalebene aus nach oben nur vier Zonen von je 2° Winkelöffnung in Frage kommen, so darf man annehmen, daß die sphärischen Trapeze auf der Einheitskugel trotz der Konvergenz der Vertikalkreise von gleichviel Strahlen passiert werden. Diese sphärischen Trapeze

sind auf die anormale Zone projiziert. Approximative Flächenberechnung der Teilstücke des anormalen Gebietes in Konstruktion II und Festsetzung, daß die kleinste Fläche 100,0 Schallstrahlen in sich vereinige, liefert für die Intensität folgende Verhältniszahlen:

	0° — 5°	5° — 10°	10° — 15°
90° — 88°	100,0	75,0	50,0
88° — 86°	33,3	25,0	16,7
86° — 84°	16,7	12,5	8,3
84° — 82°	10,0	7,5	5,0

Die Intensität ist nach dieser Zusammenstellung am Innenrand der Außenzone am größten, ist aber bereits im Azimut 10° — 15° nur noch halb so groß wie in demjenigen von 0° — 5°. Besonders auffallend ist die rapide Abnahme der Strahlendichte mit der Abnahme des Inzidenzwinkels. Effektiv entfallen auf diejenigen Flächenstücke, die von kleineren Inzidenzwinkeln begrenzt sind, noch weniger Strahlen, als angenommen wurde, da auf der Einheitskugel die entsprechenden sphärischen Trapeze bei abnehmendem Inzidenzwinkel aus den erwähnten geometrischen Gründen kleiner werden. Dies entspricht einer weiteren Abnahme der Intensität vom Innenrand des anormalen Gebietes nach außen. Auch rein physikalische Gründe tragen noch zur Erhöhung der Intensität an der innern Begrenzung der Außenzone bei. Maßgebend ist, daß in unserm Beispiel die Scheitelhöhe der Schallbahn umso größer ist, je weiter die beiden Spurpunkte auseinander sind. Da nach W. Schmid der Energiegehalt entsprechender Wellenzüge der Dichte der Luft proportional angenommen werden kann, und die Dichte ihrerseits dem Luftdruck direkt und der absoluten Temperatur indirekt proportional ist, so folgt, daß die Strahlen mit größerer Scheitelhöhe, also auch mit größerer Totalweite einen viel größeren Energieverlust erleiden, als die tiefer verlaufenden. Die Abnahme des Inzidenzwinkels hat also nicht nur eine rapide Abnahme der Strahlendichte zur Folge, sondern auch eine enorme Verminderung des Energiegehaltes. Wenn auch E. Schrödinger eine so große, aus dem Dichteverhältnis berechnete Schwächung der Schallenergie nicht für möglich hält, so hat doch, wie er selbst betont, die kontinuierliche Refraktion notwendigerweise eine geringe Schwächung zur Folge, wozu noch — als Hauptfaktor nach diesem Autor — die Dämpfung des Schalles durch Wärmeleitung und innere Reibung kommt. Die Anhänger der Luftströmungstheorie könnten somit ebenso gut diese Intensitätsverteilung als Beleg für ihre Hypothese anführen, wie es v. d. Borne und weitere Vertreter der Wasserstoffhypothese getan haben. Es muß aber bei dieser Gelegenheit betont werden, daß nach Beobachtungen und Zusammenstellungen von Dörr am Innenrand der Außenzone nicht Schweigen und größte Intensität unmittelbar aufeinander folgen; erst in einer mittleren Entfernung des anormalen Gebietes tritt die maximale Schallstärke auf. Dieses Resultat von Dörr stimmt mit unserem Beispiel gut überein, wenn man bedenkt, daß nur ein Teil der von der Schallquelle horizontal ausgehenden Strahlen konkav nach oben abgebogen wird und in das sekundäre Schallgebiet gelangt, während der andere Teil dieser Strahlen an Terrainformen, Häusern, Wäldern etc. einen Energieverlust erleidet und in der Richtung abgelenkt wird.

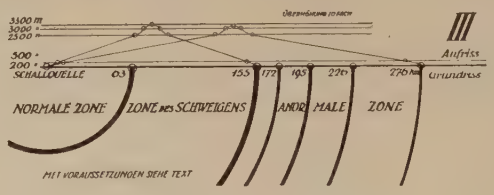
Die vollkommene Symmetrie in den Konstruktionen I und II wird tatsächlich nie eintreten. Sie ist hier eine Folge der einfachen Annahme über die Luftströmungen und wird in Wirklichkeit etwas ausgelöscht, wie bei festgestellten Schallfiguren ersichtlich ist. Als Beispiel der mehr oder weniger symmetrischen Ausbildung des Schallgebietes zu beiden Seiten einer Geraden erachte ich die von A. de Quervain untersuchte „Schallausbreitung des Kanonendonners vom 25. Dezember 1915". Wenn bei solch axialen Schallfiguren die Windverhältnisse die Hauptrolle spielen, so muß man nach dem, was man auf Grund meteorologischer Messungen weiß, erwarten, daß auch eine deutliche Periodizität in der Hörbarkeit des K. eintreten muß, und in der Tat ist es der Fall. Sorgfältige und präzise Messungen der Geschwindigkeit des Wolkenzuges in verschiedenen Höhen haben nämlich als Aufschluß über die Windgeschwindigkeit in der freien Atmosphäre längst gezeigt, daß eine jährliche Periodizität vorhanden ist. Nach den Messungen am Blue Hill beträgt z. B. der Windgradient pro 100 m im Sommer durchschnittlich 0,27, im Winter 0,65 m/sec.[9]) Ähnliches gilt für Europa, wo die Cirrusverhältnisse dieselben sind.

3. Entstehung der Schallgebiete infolge Beeinflussung der Schallbahnen durch die Temperaturzustände allein. Inversionen. Intensitätsverteilung. Berücksichtigung der Diffraktion. Vergleich der bisher betrachteten drei Fälle.

Wir wollen jetzt untersuchen, ob und in welchem Maße die vorkommenden Inversionen (Temperaturumkehrungen mit der Höhe) und Isothermien zur Erklärung der anormalen Fortpflanzung des Schalles in Betracht kommen.

[9]) Hann, l. c., pag. 394.

Die aerologischen Forschungen haben für unsere Verhältnisse ergeben, daß verschiedene kleinere Inversionen bis 3—4000 m vorkommen und sehr viel höher die obere Inversion, welche Tropo- und Stratosphäre trennt.



Konstruktion III.

Zunächst beschäftigen wir uns mit der Frage, ob entweder die unteren Inversionen, oder die obere in erster Linie wirksam seien für die allmählich erdwärts erfolgende Brechung. Im ersten Moment liegt der Gedanke nahe, die untern Temperaturumkehrungen würden zur Vergrößerung der primären Zone beitragen — speziell in solchen Fällen, wenn sie sich bis 100 km von der Schallquelle aus gerechnet ausdehnt —, während der oberen Inversion die Entstehung des sekundären Schallgebietes zuzuschreiben wäre. Die Schwankung der oberen Inversion um 1—2 km während Sommer und Winter könnte dann zur Erklärung der Periodizität der anormalen Hörbarkeit des K. verwendet werden. Leider trifft diese Vermutung nicht zu. Es ist früher erwähnt worden (Seite 6), daß die Schallstrahlen im günstigsten Fall nur dann zur Erde zurückkehren können, wenn die Temperaturzunahme gleich der -abnahme ist in der vom Schallstrahl zurückgelegten Atmosphäre. Wenn man bedenkt, daß die Temperaturabnahme den großen Betrag von 50°—60° bis zur Grenze Tropo-Stratosphäre erreicht, so muß als ausgeschlossen erachtet werden, daß die rund in 10 km Höhe einsetzende Temperaturumkehr, die nur einen sehr kleinen Bruchteil der bis in diese Höhe erfolgten Temperaturabnahme für die Schallfortpflanzung zu kompensieren vermag, sogar imstande wäre, die Strahlen zur Oberfläche zurückwenden zu können. Die Verlagerung der obern Inversion im Winter in 1—2 km tiefere Schichten bewirkt bei weitem noch nicht, daß die Temperaturzunahme, mit Einschluß aller untern Inversionen, größer als die -abnahme wäre. Die letztere ist so groß, daß das Zurückkehren der Strahlen auch durch Beugung für unmöglich erachtet werden muß. Es kommen somit nur die unteren Inversionen in Frage. Das Ergebnis dieser Überlegungen steht damit im Gegensatz zu demjenigen von Brand,[10]) der bemerkt, daß es sich nur um die obere Inversion handeln könne, wenn überhaupt Temperaturumkehr in Betracht komme.

Wir untersuchen jetzt die untern Inversionen. Als ein der Wirksamkeit der untern Inversionen möglichst günstig gewähltes Beispiel,[11]) das sich meteorologisch noch rechtfertigen läßt, mögen folgende Annahmen getroffen werden:

Höhe m	Temperatur °C	Temperaturgradient 100 Δ t in °C.
200	0°	
		— 0,033°
500	+ 0,10°	
		0°
2500	+ 0,10°	
		+ 0,50°
3000	— 2,40°	
		— 1,0°
3300	+ 0,60°	

[10]) l. c., pag. 45.

[11]) Es sei besonders betont, daß solche Verhältnisse nur ganz ausnahmsweise dem Zustand der untern Atmosphäre entsprechen. Die Temperaturzunahme von 0,10° in der Schicht 200—500 m ist für winterliche Jahreszeit sehr gut verbürgt, wenn auch Bodeninversionen häufig stärker sind; hingegen die Temperaturkonstanz von 500—2500 m ist als vereinzelte Erscheinung aufzufassen. Solche Isothermien pflegen gewöhnlich in dünnern Schichten vorzukommen, aber von A. de Quervain ist bei einem schweizerischen bemannten Ballonaufstieg eine so mächtige isotherme Schicht schon konstatiert worden, wie dieses Beispiel angibt. (Phys. Zeitschr. 1911, XII, pag. 596.)

Daß ein normaler Temperaturgradient von 0,50° pro 100 m, der in 2500 m Höhe beginnt, in der Schicht von 3000—3300 m durch eine Inversion von 1° pro 100 m unterbrochen wird, steht mit Beobachtungen in gutem Einklang.

Diese Gesamtannahme, die als Ganzes zwar einem seltenen Zustand der Atmosphäre entspricht, ist also immerhin zulässig. Sie ist für uns von ganz besonderem Interesse, weil in diesem Fall tatsächlich ebenfalls ein normales und ein anormales Schallgebiet entstehen. Letzteres kann dann mit demjenigen von Konstruktion II, dem durch Windgradienten erhaltenen Schallgebiet, verglichen werden.

Auf einen wichtigen Unterschied zwischen den tatsächlich vorkommenden Temperaturzuständen und unserer Annahme muß noch hingewiesen werden. In diesem Beispiel ist in 3300 m Höhe die Temperatur um 0,60° höher als diejenige auf dem Erdboden. Wie aber

Die Schallquelle befindet sich auf der Ebene, 200 m ü. M. Von 3300 m an nimmt die Temperatur normal ab mit einem Gradienten von + 0,60° pro 100 m.

Aus den Berechnungen ergibt sich folgendes Bild. Zunächst entsteht eine normale Zone, deren theoretische Grenzkurve durch die Strahlen gebildet wird, die vom Erregerzentrum mit einem Inzidenzwinkel von 88° 54′ ausgehen, in der Höhe von 500 m kulminieren und in 63,0 km Entfernung vom Ausgangspunkt zur Erde zurückgelangen. Besprechen wir jetzt die anormale Zone. Sämtliche Strahlen, deren Inzidenzwinkel innerhalb der Grenzwerte 88° 54′ und 87° 19′ liegen, passieren die Isothermie als Gerade, werden dann zwischen 2500–3000 m Höhe konkav nach oben abgebogen, während sie in der Umkehrungsschicht (3000–3300 m) eine Rückbiegung zur Erde erfahren. Je kleiner der Inzidenzwinkel ist, desto intensiver macht sich das Rückbiegen geltend, und desto näher bei der Schallquelle gelangt der Strahl wiederum zur Erde. Die Schallwellen tauchen umso weniger tief in die Umkehrungsschicht ein, je weiter ihr Weg ist. Die größte Scheitelhöhe erreicht der Strahl mit dem Inzidenzwinkel 87° 19′; er tangiert die Diskontinuitätsfläche in 3300 m Höhe und bildet, 155,0 km von der Schallquelle entfernt, den Innenrand der anormalen Zone. Aus der Konstruktion III geht deutlich hervor, daß die Zone des Schweigens in relativ geringer Höhe „überbrückt" wird. Es bietet sich später wiederholt Gelegenheit, auf diese Feststellung zurückzukommen. Der Zusammenhang zwischen dem Inzidenzwinkel und der Entfernung der zum Boden zurückgelangten Strahlen vom Ursprung (Schallquelle), ist aus folgender Zusammenstellung ersichtlich.

	Inzidenzwinkel	Entfernung des 2. Spurpunktes des Strahls vom Schallzentrum in km	Intensität Einheit vide Text
I. Normale Zone	90°	0 (theoretisch)	
	88° 54′	63,0	
II. Anormale Zone	87° 19′	155,0	
	87° 34′	172,0	10,3
	87° 49′	195,0	6,8
	88° 4′	226,0	4,4
	88° 19′	276,0	2,3

Da die Fortpflanzungsverhältnisse in allen Azimuten dieselben sind, so repräsentieren die obigen Entfernungszahlen die Radien konzentrischer Kreise mit der Schallquelle als Zentrum.

Die Intensitätsverteilung ist nach der mit Konstruktion II gewählten Methode bestimmt worden. Die Werte, die hier vorliegen, beziehen sich auf die frühere Einheit, d. h. das von den Strahlen mit einem Inzidenzwinkel von 90°—88° und Azimutwerten von 0°–5° erfüllte horizontale Gebiet habe die Intensität 100,0. Wir wollen die beiden gefundenen Intensitätsverteilungen gegeneinander abwägen. Die jetzt erhaltenen geringen Werte für die Strahlendichte sind, wie zu erwarten war, auf die schwache Winkelöffnung zurückzuführen. Es ist somit nicht zu verkennen, daß eine Inversion weniger Schallenergie transportieren kann, als bei jenen Zuständen der Atmosphäre, bei welchen ein Windgradient in Frage kommt. Bei den letzteren Verhältnissen wird in Wirklichkeit ein Teil der Schallwellen verzerrt, ein erheblicher Bruchteil der Schallenergie gelangt aber zur Erde. Interessant ist, daß auch diesmal die Intensität am Innenrand der Außenzone am größten ist. Die früher besprochene Konvergenz der Vertikalkreise auf der Einheitskugel kann jetzt vernachlässigt werden, da die betreffenden Inzidenzwinkel nur zwischen 87° 19′ und 88° 54′ variieren. Es ist also aus diesem Grund nicht noch eine Modifikation der angegebenen Intensitätsverteilung zu erwarten. Auch die Dämpfung des Schalles durch Wärmeleitung und innere Reibung spielt in diesem Beispiel eine geringere Rolle. Die Scheitelhöhen der Schallbahnen für das sekundäre Gebiet liegen nämlich innerhalb 3000 und 3300 m. Da Wärmeleitung und innere Reibung von der fortschreitenden Verdünnung der Luft abhängen, so ist für all diese Strahlen — von der zurückgelegten Wegstrecke allerdings abgesehen — eine gleichmäßigere Dämpfung zu erwarten.

aus den aerologischen Forschungen hervorgeht, ist im allgemeinen — von den erdnahen Luftschichten abgesehen — die Temperaturabnahme größer als die -zunahme, trotz der untern Inversionen. Weil die Schallstrahlen nur dann zur Erde zurückgelangen, wenn die Temperaturzunahme gleich oder größer ist als die -abnahme (S. 6), ist man notwendigerweise zu der erwähnten Abweichung von den tatsächlichen Zuständen gezwungen, denn vorläufig operieren wir nur mit der geometrischen Schallfortpflanzung und sehen von der Diffraktion ab.

Berücksichtigung der Diffraktion.

Die Diffraktion wurde bisher nicht untersucht. Sie könnte am Schluß des Teils II, B erwähnt werden, da sie im Prinzip alle neun Fälle betrifft, aber es ist besonders wichtig, sie hier zu besprechen.

Bis jetzt wurden die Schallbahnen rundweg nach optischen Gesetzen bestimmt. Bei der Anwendung auf akustische Erscheinungen, mit denen wir uns hier befassen, ist die starke Beugung des Schalles mitzuberücksichtigen. Letztere ist um so größer, je größer die Wellenlänge ist. Starke Beugung ist an und für sich schon die Regel in der Akustik im Gegensatz zur Optik; bei den hier vorkommenden großen Wellenlängen tritt sie erst recht in ausgeprägtestem Maße auf. A. Mallock hat bei der Konstruktion der Schallbahnen von Nebelsignalen an den Küsten auch die Diffraktion in Rechnung gezogen. Er hat die Schalldiffraktion auf die nämliche Art behandelt wie diejenige von Lichtplanwellen, welche den Rand eines Schirmes passieren, betont aber, daß die Methode nur approximativ anwendbar ist. Das 1. Beugungsminimum ist in der, auf der X-Achse vom Ursprung aus gemessenen Distanz d und bei der Wellenlänge λ um $\frac{1}{2} d\lambda$ in der Vertikalen vom geometrischen Strahl entfernt. Berechnet man im vorliegenden Fall die Diffraktion auf die von Mallock benützte Art, und gibt der Wellenlänge von Schallwellen in Luft den für dieses Medium wohl maximalen Wert von 20 m, so wird die Zone des Schweigens in diesem Falle vollständig „aufgehellt". Der Schall würde somit bei idealer Ausbildung der gewählten atmosphärischen Zustände auf der (ebenen) Erdoberfläche in einer Kreisfläche mit über 276 km Radius gehört. Der Einfluß der Beugung ist damit sehr drastisch veranschaulicht worden. Zudem ist noch zu erwähnen, daß man nur das 1. Beugungsminimum in Rechnung gezogen hat, und somit die verschiedenen Beugungsmaxima überhaupt vernachlässigt worden sind.

Wie soeben an Hand unseres Beispiels bewiesen worden ist, muß der Beugung ein hervorragender Einfluß bei der Entstehung der Schallfiguren eingeräumt werden. Wir haben darum noch zur Frage Stellung zu nehmen, warum denn in andern Fällen eine Zone des Schweigens trotz der nachgewiesenen starken Beugung überhaupt entstehen kann. Im vorliegenden Fall ist das Ausfallen der Zone des Schweigens bei Berücksichtigung der Beugung eine Folge der stark ausgebildeten, mit 2000 m Mächtigkeit angenommenen, Isothermie und der dadurch bedingten, nur 2,5° betragenden Temperaturabnahme. Da die letztere in den untern Schichten, wie früher betont wurde, meist größer ist, als hier angenommen wurde, so haben die Strahlen in diesen Fällen weniger die Tendenz, zur Erde zurückzugelangen, als in unserem Beispiel von Konstruktion III. Die größere Temperaturabnahme hat dann in diesen Fällen zur Folge, daß eine Zone des Schweigens trotz der starken Beugung entstehen muß.

Wir gelangen damit bei Anwendung der Beugung zu folgender Übersicht über die Entstehung der normalen, anormalen und Schweigenszone. Im normalen Hörbarkeitsgebiet pflanzt sich der Schall auf der Erdoberfläche nach dem Entfernungsquadratgesetz fort. Direkte und gebeugte Strahlen, die in die Höhe gelangen, werden infolge der Temperaturabnahme konkav nach oben abgebogen, wodurch auf der Erde eine Zone des Schweigens entsteht. Gelangen die Schallwellen z. B. in 3000 m Höhe in eine Inversion, so können die diffraktierten Strahlen zur Oberfläche zurückgewendet werden, und es kann sich eine anormale Schallzone ausbilden, was geometrisch nicht möglich ist. Die Zone des Schweigens dehnt sich bei Windstille mit Berücksichtigung der Beugung auf größere Entfernungen vom Schallherd aus, wenn die Temperaturabnahme der unteren Luftschichten größer ist; das anormale Schallgebiet hängt von der Ausprägung der untern Inversionen ab.

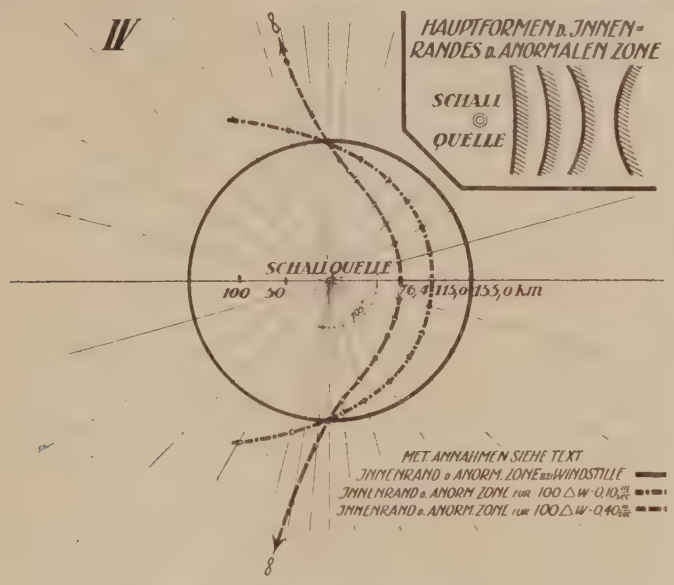
Vergleich des Einflusses des Windgradienten und der untern Inversionen auf die Entstehung der anormalen Schallzone bei Berücksichtigung der Diffraktionswirkung.

Ein Vergleich der bisher betrachteten drei Fälle (Konstruktionen I, II und III), in welchen der Einfluß des Windgradienten und der untern Inversionen auf die Schallbahnen im Vordergrund des Interesses stehen, läßt sich kurz zusammenfassen wie folgt: Ein „Schallbild", das mehr oder weniger deutlich axiale Symmetrie aufweist, läßt sich durch die Luftströmungstheorie in Verbindung mit den Temperaturzuständen erklären. Fehlt eine solche Symmetrie, ist namentlich der Innenrand der anormalen Zone kreisbogenartig, so kommen in erster Linie Inversionen für die Entstehung des anormalen Schallphänomens in Betracht. Nach der Erklärung durch Inversionen sollte das anormale Gebiet einen Kreisring bilden. Da bei empirischen Schallfiguren nur die Hälfte eines solchen Ringes oder weniger zur Ausbildung gelangt, ist anzunehmen, daß die Art der Ausprägung der Inversionen im allgemeinen und der Windeinflüsse im speziellen die Ausbildung in den beiden andern Quadranten verhindern. Wir werden damit zur Untersuchung über den Einfluß des Windgradienten auf die Inversionen geführt.

4. Einfluß des Windgradienten auf Inversionen.

Die untern Inversionen pflegen sich über weite Gebiete zu erstrecken; es ist schon vorgekommen, daß die nämlichen Schichten gleichzeitig vom aeronautischen Observatorium in Lindenberg bei Potsdam und von der meteorologischen

Zentralstation in München festgestellt worden sind. Es wäre somit nicht richtig, wenn man die zahlreichen Beobachtungen, daß der Zentriwinkel für den Innenrand der anormalen Zone nicht über 180° hinauszureichen pflegt, einzig mit der lokalen Ausbreitung der Inversionen erklären wollte. Die Interpretation für die beschränkte Größe des Zentriwinkels wird aber einfach, wenn man den Einfluß des Windgradienten auf die Inversionen berücksichtigt. Da das anormale Schallgebiet nur in einer bestimmten Richtung vorkommt, ist zum vornherein zu vermuten, daß außer der Temperatur noch ein Vektor, der Wind mit dem Windgradienten, auf den Verlauf der Schallstrahlen einwirkt. Wenn dieser Gradient nicht immer die Inversionen beeinflussen würde, so wäre es nicht so Regel, daß der Zentriwinkel nicht über 180° geht.



Konstruktion IV.

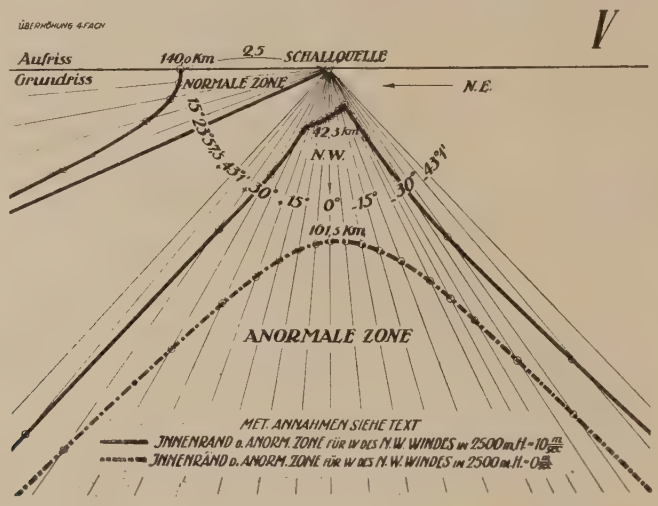
Um den Einfluß des Windgradienten auf Inversionen zu untersuchen, wollen wir die nämlichen meteorologischen Zustände wie im vorhergehenden Beispiel (Seite 18) annehmen und fügen nur die Bedingung bei, daß in der Inversion von 3000—3300 m Höhe ein nach oben an Geschwindigkeit zunehmender Wind mit der Anfangsgeschwindigkeit Null weht. Ob dieser Wind über das Niveau von 3300 m hinausreicht oder nicht, spielt für meine Untersuchung keine Rolle. Um den Einfluß dieser Luftströmung je nach der Stärke des Windgradienten drastisch zu veranschaulichen, ergänzen wir, daß das eine Mal ein Windgradient von 0,40, das andere Mal ein solcher von 0,10 m sec. pro 100 m Höhendifferenz in Funktion trete. Qualitativ kann das Resultat a priori angegeben werden. In der Senkrechten zur Windrichtung verlaufen die Schallwellen wie im vorigen Beispiel, auf der Leeseite wird aber die Entfernung der anormalen Zone von der Schallquelle verkürzt, und endlich auf der Luvseite zerstört der Windgradient das sekundäre Schallgebiet, da auf dieser Seite die Schallstrahlen sich gegen den Wind fortpflanzen und somit konkav nach oben abgebogen werden. Wie Konstruktion IV zeigt, wird wegen des Windes mit dem Gradienten 0,40 m/sec. die Entfernung des äußern Schallgebietes in Lee auf 76,4 km vom Schallherd reduziert, was durch den andern Windgradienten von 0,10 m sec. nur bis 115,0 km geschieht. Für diese Reduktion ist die Projektion der Schallfortpflanzung in der isothermen Schicht von 500 bis 2500 m Höhe auf die Horizontale ausschlaggebend. Der Abnahme der Distanz entspricht die Abnahme des Inzidenzwinkels.

Der kleinere Windgradient ist zu schwach, um auf der Luvseite den Einfluß der Inversion auf die Schallbahn aufzuheben und die Strahlen konkav nach oben abzubiegen. Das anormale Schallgebiet bleibt darum in diesem Fall — allerdings nur theoretisch — noch geschlossen. Der Windgradient von 0,40 m sec. aber bewirkt, daß selbst nach der theoretischen Annahme die sekundäre Zone unterbrochen wird. Die Abgrenzung kann bestimmt werden, wenn man von der Erwägung ausgeht, daß es für einen Strahl erst im Unendlichen möglich ist, an der obern Begrenzung der Isothermie, also in 2500 m Höhe, horizontal zu verlaufen. Der Inzidenzwinkel muß somit notwendigerweise in dieser Höhe kleiner sein als 90°, damit der Strahl in endlicher Entfernung wieder zur Erde gelangen kann. Ein Strahl, der in 2500 m Höhe horizontal verliefe, würde mit einem Azimut von 105° gerade noch in 3300 m Höhe zur Erde zurückgewendet. Das äußere Schallgebiet kann also in endlicher Entfernung einen Zentriwinkel von 210° nicht mehr erreichen.

Während wir bei den Konstruktionen I und II eine konvexe Abgrenzung der äußern Zone gegen die Schallquelle hin erhielten, dann bei der folgenden einen Kreis, finden wir im vorliegenden Beispiel neue Formen. Der Innenrand des äußern Schallgebietes ist auf der Leeseite konkav zur Schallquelle abgegrenzt und fehlt auf der Luvseite mit umso größerer

Winkelöffnung, je kräftiger der Windgradient ist. Eine Zunahme der Stärke des Windgradienten verursacht eine Verflachung der konkaven Krümmung auf der Leeseite. Je nach den meteorologischen Zuständen sind darum die Hauptformen für die Abgrenzung der sekundären Zone nach Innen zu erwarten, welche bei Konstruktion IV oben rechts zusammengestellt sind.

5. Beeinflussung der Schallfortpflanzung durch zwei übereinander gelagerte horizontale Winde mit positiven Gradienten und senkrecht zueinander verlaufenden Windrichtungen.



Konstruktion V.

Solche Verhältnisse, deren Annahme allzu schematisch erscheinen mag, kommen tatsächlich vor und zwar im nördlichen Alpenvorland dann, wenn der Nordostwind, die sogenannte „Bise", weht. An Hand von zahlreichen Pilotaufstiegen hat A. de Quervain[12]) an der meteorologischen Zentralanstalt Zürich fünf Gruppierungen aufgestellt über den Verlauf der „Bise" mit der Höhe. Uns interessiert, was der Autor über Gruppe 2 sagt:

„Der Nordostwind springt in etwa Alpenkammhöhe (2,5—3 km) scharf nach N.W. über. Der N.E.-Wind entspricht dann einem leichten Druckgefälle nach der Rhonemündung zu, der obere N.W.-Wind einer allgemeinen Strömung im Rücken einer großen Depression im N.E. oder E.; die Alpenkette wirkt dann auf die untere Strömung direkt kanalisierend. Dies ist eine Situation, bei der die Alpen leicht von Nord nach Süd im Ballon überflogen werden können, was auch in der Tat auf meine Instruktion hin bei dieser Lage zum ersten Mal durch V. de Beauclair am 29. Juni 1908 geschehen ist.

Unter die Gruppe 2 sind auch die Fälle zu stellen, wo der N.E.-Wind graduell nach N.W. dreht, aber in größerer Höhe als vorhin."

Nachdem wir uns von der Existenz solcher Luftströmungen überzeugt haben, setzen wir zur Berechnung der Schallbahnen fest:

Höhe in m	100 Δ t	Windrichtung	100 Δ w m/sec.	Windgeschwindigkeit Höhe	Richtung	m/sec.
0 — 2500	+ 0,60°	N E	+ 0,40	0	N E	0
über 2500	+ 0,60°	N W	+ 0,50	2500	N E	10
				2500	N W	10

Luft-Temperatur im Niveau der Schallquelle (Boden) = 0°.

Der Weg der Strahlen in der untern Windschicht ist in der Konstruktion V angegeben. Die normale Zone, von der nur die eine symmetrische Hälfte in der Skizze eingezeichnet worden ist, wird theoretisch zu zwei Seiten je durch eine Gerade begrenzt. Im Azimut dieser beiden Geraden von + 23° 57',5 heben sich nämlich Temperatur- und Windeinfluß in Bezug auf die Schallfortpflanzung auf. Sobald das Azimut zunimmt, werden die Schallstrahlen nach oben konkav abgebogen. Die äußere Begrenzung des primären Gebietes ist der Ort der 2. Spurpunkte der Strahlen, die ihren Scheitel in 2500 m Höhe haben. Auf der + X - Achse reicht die normale Zone bis 140,0 km von der Schallquelle. Längs der Asymptoten mit + 23° 57',5 Azimut setzt sich das Schallgebiet wie in Konstruktion II theoretisch bis ins Unendliche fort.

Wenden wir uns der Form und Ausdehnung der sekundären Zone zu. Während bei den bisherigen Untersuchungen die kontinuierliche Refraktion den Weg des geometrischen Strahles in der Hauptsache bedingte, kommt jetzt

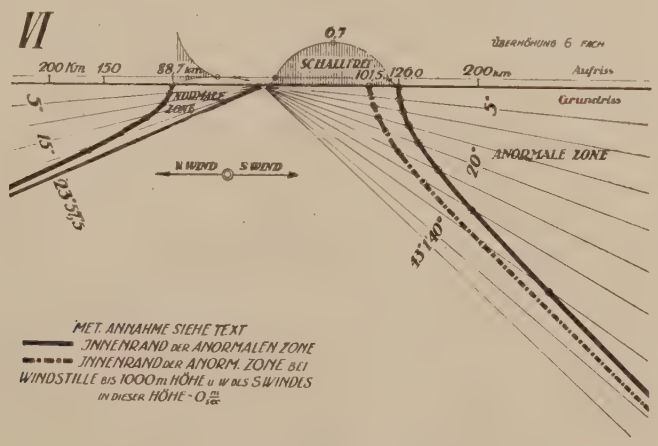
[12]) Neuvième congrès international de géographie, Genève 1908, Tome II, pag. 469.

noch Totalreflexion hinzu, welche die Schallbahn auch sehr stark beeinflußt. In der Normalen zur untern Windrichtung beträgt die Schallgeschwindigkeit an der Diskontinuitätsfläche von 2500 m mit Berücksichtigung der dort herrschenden Temperatur noch 322,75 m sec. Da die 2. Luftströmung in der nämlichen Höhe mit 10 m sec. Anfangsgeschwindigkeit einsetzt, die Schallgeschwindigkeit also sprungweise zu 332,75 m sec. ansteigt, mißt der Grenzwinkel 75° 55′. Der Inzidenzwinkel des Strahls, der vom Schallherd horizontal ausgeht und sich nach SE. fortpflanzt, beträgt in 2500 m Höhe 76° 32′ nach Zurücklegung einer Horizontaldistanz von 21,15 km. Weil somit der Strahl total reflektiert wird, gelangt er in 42,3 km Entfernung wieder zur Erde. In der Konstruktion ist aus dem Verlauf der Begrenzungskurve für die anormale Zone an den deutlichen Wendungen ersichtlich, bis in welche Azimute der Inzidenz- größer als der Grenzwinkel ist, also Totalreflexion stattfinden muß. Im Gegensatz zu früheren Begrenzungsformen mit parabelartigem Verlauf ist hier beachtenswert, daß die Kurve sehr rasch Tendenz hat, sich den Asymptoten von je ± 43° 1′ (auf SE. bezogen) parallel zu richten.

Das theoretisch entstandene schmale schallfreie Flächenstück zwischen der Schallquelle und dem vorspringenden anormalen Gebiet würde in Wirklichkeit durch die Beugung aufgehellt. Nur eine von Süd nach Nord sich keilförmig ausdehnende Zone des Schweigens würde das primäre und sekundäre Hörbarkeitsgebiet noch andeuten, ohne die letztern vollständig zu trennen. Solche keilförmige Zonen des Schweigens sind tatsächlich beobachtet worden. Ein typisches Beispiel bietet die Untersuchung von A. de Quervain über die „Ausbreitung des K. aus dem Elsaß, Weihnachten 1914“. Bei der Diskussion der Konstruktion VII wird gezeigt, daß solche keilförmige schallfreien Gebiete noch deutlicher entstehen, wenn der Wind die Richtung mit der Höhe dreht.

Um im vorliegenden Fall den bedeutenden Einfluß der Totalreflexion auf die Form der Schallfigur richtig zu würdigen, wollen wir noch ermitteln, wie das anormale Schallgebiet geformt ist, wenn der NW.-Wind in 2500 m nicht mit einer Anfangsgeschwindigkeit von 10 m/sec., sondern mit einer solchen von 0 m/sec. beginnt, also die Totalreflexion wegfällt. Für die Schalleitung nach SE. kommt im Diskontinuitätsniveau von 2500 m kein Windsprung vor, wohl aber für sämtliche von dieser Richtung aus gerechneten positiven und negativen Azimute wegen der Komponente für die Geschwindigkeit des untern Windes. Die Grenzkurve beginnt jetzt im SE. erst in einer Entfernung von 161,5 km. Form und Größe der Außenzone werden nun stark modifiziert. Es fällt besonders auf, daß sich diese Schallzone nicht etwa im Quadranten, der durch die beiden Richtungen wohin die Winde wehen, eingeschlossen ist, am meisten ausbreitet, sondern leicht nach E. verschoben wird. Diese östliche Verschiebung ist eine Folge der angegebenen Diskontinuität in 2500 m Höhe und damit des bei der Berechnung zu berücksichtigenden Snellius'schen Brechungsgesetzes.

6. Form und Größe der Schallgebiete, bedingt durch zwei übereinander gelagerte Winde mit positiven Gradienten und entgegengesetzten Windrichtungen.



Konstruktion VI.

Solche Strömungszustände können in gewissen, seltenen Fällen in der Schweiz auf kleineren Gebieten (Druckanstieg nach Föhnsturm) zwischen nördlichen und südlichen Winden vorkommen. In der Regel lagert sich der N.-Wind wie eine kalte Flüssigkeit unter den S.-Wind. Infolge des Sinkens der kälteren Luftmassen werden die wärmeren in die Höhe gehoben. Ein solcher Fall ist derjenige vom 23. Mai 1908, welcher von A. de Quervain[13]) beschrieben wurde. Bewußt schematisch treffen wir folgende Annahmen:

[13]) Neuvième congrès international de géographie, Genève 1908, Tome II.

	Höhe in m	100 Δ t	100 Δ w m/sec.
N Wind	0 — 1000	+ 0,60°	+ 0,40
S „	von 1000 an	+ 0,60°	+ 0,50

Temperatur in 1000 m Höhe 0°; auf dem Erdboden (Schallquelle) + 6°.
Windgeschwindigkeit auf der Erdoberfläche = 0 m/sec.

Im Diskontinuitätsniveau von 1000 m Höhe nehmen wir keinen Windsprung an. Der Richtungswechsel zwischen dem unteren N.- und dem obern S.-Wind findet also erst in 1800 m Höhe statt.

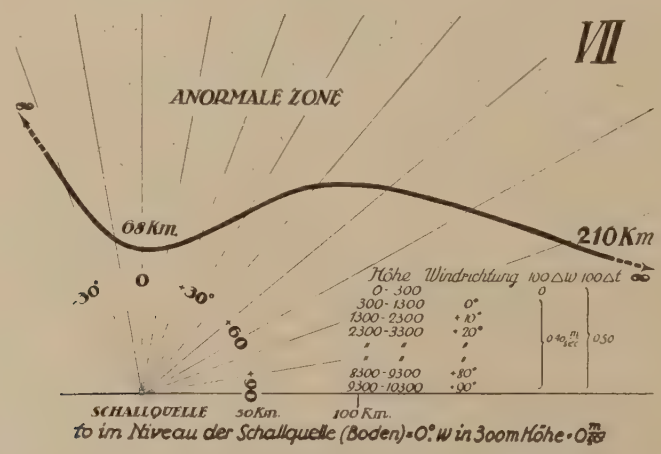
Ein Vergleich dieser Annahmen mit denjenigen für Konstruktion V zeigt, daß die seitliche Begrenzung der normalen Zone in beiden Fällen die gleiche sein muß. Auch die äußere Begrenzung des primären Schallgebietes ist in beiden Beispielen notwendigerweise ähnlich, sie ist jetzt in der Windrichtung statt 140,0 nur 88,7 km von der Schallquelle entfernt, weil die Scheitelhöhe von 2500 m auf 1000 m reduziert worden ist.

Der Einfluß der untern Windschicht auf die Form und Größe des anormalen Schallgebietes ist gering. Wäre nämlich bis 1000 m Höhe überhaupt kein Wind vorhanden, so würde, wie die Berechnung mit Berücksichtigung der in diesem Fall in 1000 m Höhe anzunehmenden Anfangsgeschwindigkeit Null ergibt, die äußere Zone durch die strichpunktierte Kurve begrenzt. Der Vergleich dieser Kurve mit der effektiven zeigt, daß die Wirkung des untern Windes sich in der Hauptsache darauf beschränkt, die Distanz der anormalen Zone von der Schallquelle auf der + X-Achse gemessen, von 101,5 auf 126,0 km zu vergrößern.

Die Ansicht ist von R. Emden[14]) und früher in ähnlichem Sinne von W. Schmid geäußert worden, daß zwei übereinander gelagerte horizontale Winde mit entgegengesetzter Richtung die Schallbahnen so beeinflussen können, daß außer dem normalen, ein, die Schallquelle einseitig sichelförmig umschließendes anormales Schallgebiet entstehe, wie z. B. dasjenige von Wiener-Neustadt. Wie aber Konstruktion VI in Übereinstimmung zu unseren früheren Untersuchungen zeigt, ist diese Ansicht nicht richtig. Für Winde, die ihre Richtung mit der Höhe nicht drehen, ist in Bezug auf die Beeinflussung der Schallbahnen charakteristisch, daß die anormale Zone stark konvex gegen die Schallquelle abgegrenzt wird.

Wir haben bei der Diskussion der Konstruktion IV gesehen, daß anormale Schallfiguren, welche den Schallherd konkav umschließen, durch Inversionen und Windgradienten erklärt werden können. Wir wollen aber im folgenden Beispiel noch untersuchen, ob sich solche Schallfiguren auch ohne Inversionen, einzig durch einen Windgradienten, dessen Wind die Richtung mit der Höhe dreht, interpretieren lassen.

7. Beeinflussung der Schallbahnen durch einen, mit einem positiven Gradienten versehenen Wind, wenn letzterer die Richtung mit der Höhe dreht.



Konstruktion VII.

[14]) In der Met. Z. 1918 (Heft 1—6) hat R. Emden u. a. vier Beispiele für anormale Schallfortpflanzung publiziert, von welchen das dritte unserem gerade vorliegenden Fall ähnlich ist. Da die Annahmen über die Atmosphärenzustände für Konstruktion VI bereits im Herbst 1917 in mein Programm aufgenommen worden waren, und es sich darum handelte, nachzuweisen, daß z. B. ein E.- und ein W.-Wind die Schallfigur vom 7. Juni 1912 (Wiener-Neustadt) nicht erzeugen konnten, wurde die Durcharbeitung dieses Falles nicht abgebrochen.

Eine Winddrehung mit der Höhe kommt am ausgiebigsten in einer Zyklone vor. Aufstiege von bemannten Ballons, von Registrier- und Pilotballons, von Drachen und auch der Wolkenzug in den obern Luftschichten zeigen, daß auf der Nordhemisphäre die Windrichtung mit der Höhe im allgemeinen im Sinne des Uhrzeigers gedreht wird. Ein Südwind wird also wegen dieser Rechtsdrehung westlicher, ein Nordwind östlicher. Am Blue Hill ist als Totaldrehung bis 2000 m gegen den Wind am Erdboden durchschnittlich gemessen worden: für N.-Winde bloß 3°, für E.-Winde 14,5°, für S.-Winde 28° und für W.-Winde 13°. Im Sommer ist nach den Angaben von Hann die Rechtsdrehung meist etwas geringer als im Winter. Die Drehung geschieht im großen Ganzen kontinuierlich, manchmal sprunghaft.

Damit wir unsere bisherigen Formeln verwenden können, wollen wir annehmen, daß die Windrichtung für je eine Schicht von 1000 m Mächtigkeit konstant sei, und daß jeweilen an der Trennungsfläche eine Ablenkung nach rechts um 10° stattfinde. Die Windgeschwindigkeit nimmt in diesem Falle kontinuierlich nach dem Windgradienten — wir wählen 0,40 m/sec. pro 100 m — zu; da aber die Windrichtung nach je 1000 m Höhe sprungweise um 10° abgedreht wird, entsteht an der Diskontinuitätsfläche ein kleiner Windsprung. (In Annäherung an die empirisch festgestellte kontinuierliche Drehung war es gegeben, diesen kleinen Windsprung bei der Berechnung nicht zu berücksichtigen.) Damit überhaupt eine anormale Zone entstehen kann, wollen wir ferner voraussetzen, daß die untere Begrenzung der tiefsten Windschicht 300 m über der Erdoberfläche liege. Die Schallquelle endlich befinde sich auf dem Erdboden, wo die Luft-Temperatur 0° sei. Sämtliche Annahmen mit Angabe des Temperaturgradienten sind in der Konstruktion VII wiederholt worden.

Wie diese Figur veranschaulicht, ist eine Luftströmung unter den gewählten Atmosphärenzuständen imstande, den Innenrand der anormalen Zone einigermaßen konkav gegen die Schallquelle abzubiegen. Zweifellos kann aber die hier entstandene Form des Schallgebietes nicht etwa mit einer, die Schallquelle einseitig sichelförmig umgebenden anormalen Zone verglichen werden. Im vorliegenden Fall beginnt das äußere Schallgebiet 68,0 km von der Schallquelle entfernt; aber 70° im Sinne des Uhrzeigers abgedreht, mißt diese Distanz bereits 210,0 km. Beim Azimut von + 80° und — 30° vermag der positive Windgradient den Schallstrahl nicht mehr zur Erde zu wenden. Den Spannweiten der Schallbahnen von 68,0 und 210,0 km entsprechen Scheitelhöhen von 1,260 und 9,60 km.

Wollte man beispielsweise versuchen, die Schallfiguren, die durch die Explosion bei Wiener-Neustadt (7. Juni 1912), oder anläßlich der Beschießung von Antwerpen (8. Oktober 1914) entstanden sind, bei welchen der Zentriwinkel des kreisbogenartigen Innenrandes der anormalen Zone 160° resp. 120° mißt, einzig durch Luftströmungen zu erklären, so müßten Annahmen über die Drehung der Winde getroffen werden, die meteorologisch unwahrscheinlich wären.

Bei Besprechung der Konstruktion V haben wir gesehen, daß eine keilförmige Zone des Schweigens entstehen kann, wenn zwei übereinander gelagerte horizontale Winde mit positiven Windgradienten und senkrecht zueinander verlaufenden Windrichtungen auf die Schalleitung einwirken. Im vorliegenden Fall kann das schallfreie Gebiet vom Schallherd bis zur geringsten Entfernung der anormalen Zone von 68,0 km in Wirklichkeit durch Beugung aufgehellt werden. Übrigens wird diese Distanz kürzer, wenn der Wind nicht in 300 m Höhe, sondern tiefer einsetzt, was zur Folge hat, daß das primäre und sekundäre Schallgebiet verbunden werden müssen. Dadurch werden die für Konstruktion VII angenommenen Atmosphärenzustände zu einem typischen Beispiel für die Entstehungsart einer deutlich ausgebildeten keilförmigen Zone des Schweigens.

8. Einfluß der Divergenz der Winde auf die Form der anormalen Schallzone.

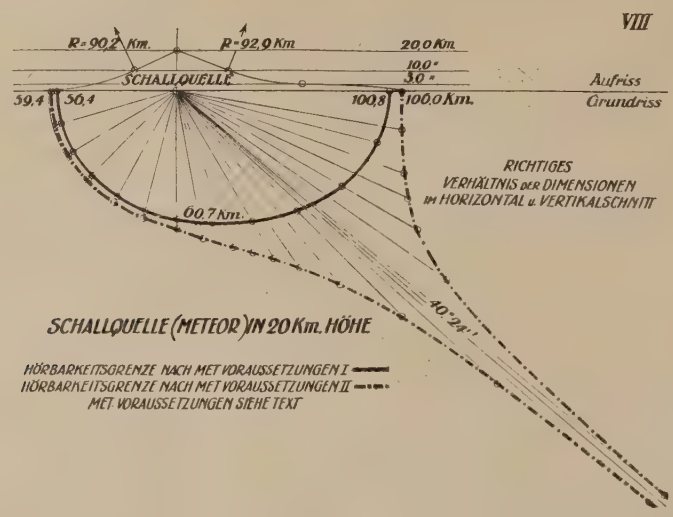
Wir haben bei der Besprechung des vorigen Falles gefunden, daß anormale Schallzonen, welche den Schallherd einseitig sichelförmig umgeben, nicht in einwandfreier Weise durch einen Windgradienten, dessen Wind die Richtung mit der Höhe dreht, erklärt werden können. Es ist aber noch ein weiteres, bisher nicht besprochenes meteorologisches Faktum zu erwähnen, das in Verbindung mit einem Windgradienten gelegentlich doch zu einer solchen anormalen Zone führen kann, nämlich die Divergenz der Winde.

Diese Erscheinung ist in den Antizyklonen immer zu beobachten. Ungünstig ist allerdings für unser Problem, daß die Winde hier meist schwach und unregelmäßig sind. Auch ist von Nachteil, daß die, in Bezug auf die Ausdehnung der Antizyklone relativ kleine Fläche der Schallfigur zur Folge hat, daß nur kleine Divergenzwinkel in Betracht kommen. Trotz dieser Nachteile können aber anormale Hörbarkeitsgebiete mit konkaver innerer Abgrenzung und einem allerdings nur kleinen Zentriwinkel durch Windgradienten in Verbindung mit der Divergenz der Windrichtung erklärt werden.

9. Anhang: Schallfigur auf der Erdoberfläche, hervorgerufen durch die Explosion eines Meteors in 20 km Höhe bei bestimmten meteorologischen Zuständen.

Es ist eine bekannte Tatsache, daß auch Meteore heftige Schallerscheinungen mit großer Schallausbreitung erzeugen. Wir wollen aber nicht die Kopfwellen, die zwar zweifellos für dieses Schallphänomen wichtig sind, unter-

suchen, sondern nur die Ausbreitung der Explosionswellen. Der Hemmungs- oder Explosionspunkt ist also für uns das Schallzentrum. Aus der Untersuchung von A. de Quervain über das Meteor-„Platzen" vom 28. Juli 1915 resultiert, daß das Hörbarkeitsgebiet für die heftige Detonation ziemlich exzentrisch zur Region liegt, über welcher der Explosionspunkt nach den streng durchgeführten Berechnungen von Herrn Prof. Dr. Wolfer in Zürich und Herrn Dr. Mauderli in Bern zu vermuten ist.



Konstruktion VIII.

Wir weisen jetzt nach, daß eine solche Exzentrizität in einfacher Weise durch den Einfluß des Wind- und Temperaturgradienten auf die Schallbahn erklärt werden kann, eine Erklärung, auf welche schon an zitierter Stelle Bezug genommen ist. Sieht man von Inversionen und Windsprüngen ab, so kann das Schallbild, das durch ein in der isothermen Stratosphäre stattfindendes „Platzen" eines Meteors auf der Erde erzeugt wird, a priori qualitativ bestimmt werden. 1. Bei Windstille ist die Schallfigur ein Kreis, in dessen Zentrum die Orthogonalprojektion des Hemmungspunktes liegt. 2. Weht in der Troposphäre ein Wind und zwar mit einem Windgradienten, der die Schallbahn weniger beeinflußt als der Temperaturgradient ($a \cos \Theta < b$), so entsteht ein ellipsenartiges Schallgebiet, das symmetrisch zur X-Achse, und das in Bezug auf die Orthogonalprojektion der Schallquelle exzentrisch nach der Leeseite verschoben ist. 3. Falls das Brechungsvermögen des Windes, der in der Troposphäre weht, größer ist als dasjenige der Temperaturabnahme ($a \cos \Theta > b$), so bildet sich wiederum eine zur X-Achse symmetrische Schallfigur mit einem kleinern Flächenstück auf der Luv- und einem größern auf der Leeseite aus; längs der beiden Asymptoten der letztern Teilfläche pflanzt sich der Schall theoretisch bis ins Unendliche fort.

Zur Begründung dieser a priori gezogenen Schlüsse nehmen wir an:

Der Explosionspunkt liegt in 20 km Höhe ($t_0 = -60°$).

Höhe in km	$100 \Delta t$	$100 \Delta w$ m/sec.
0 — 10	0,60°	0,20
10 — 20	0°	0.

In 10 km Höhe ist kein Windsprung vorhanden. Die Windgeschwindigkeit am Erdboden beträgt 0 m/sec.

Der Strahlenverlauf ist im normalen Verhältnis der Horizontal- und Vertikaldimensionen in der Konstruktion VIII angegeben. Bei Windstille würde der Radius der schallerfüllten Kreisfläche 60,7 km betragen. Die Peripherie dieses Kreises wäre der Ort der Berührungspunkte solcher Strahlen, welche den Erdboden tangieren. Ein solcher Strahl ist im Aufriß angegeben; der Krümmungsradius beträgt 90,2 km. Durch die Luftströmung werden die Strahlen in Luv stärker, in Lee schwächer konvex nach unten gekrümmt als bei Windstille, wodurch die Exzentrizität entsteht. Auf der X-Achse mißt die Schallfigur von der Orthogonalprojektion des Schallherdes aus gegen den Wind 56,4 und mit dem Wind 100,8 km.

Da in 10 km Höhe kein Windsprung und von hier bis ins Niveau der Schallquelle kein Windgradient gewählt wurde, so ist die in 10 km Höhe erreichte Geschwindigkeit von 20 m/sec. nach oben fortgesetzt anzunehmen. In der Luftschicht von 10—20 km Höhe werden darum die Schallbahnen ähnlich wie mit den Formeln 9 a)—c) nachgewiesen wurde, fortgetragen, was aber auf die Schallfigur von sehr geringem Einfluß ist. Bei Berücksichtigung der konstanten

Windgeschwindigkeit in dieser 10 km mächtigen Luftschicht betragen die beiden angegebenen, auf die X-Achse bezogenen Distanzen, statt 56,4 nur 55,1 km in Luv, und an Stelle von 100,8 102,8 km in Lee.

Um auch zu beweisen, daß ein Windgradient mit stärkerem akustischem Brechungsvermögen, als es dem Temperaturgradienten zukommt, durch Beeinflussung der Schallfortpflanzung in der Troposphäre eine exzentrische Verschiebung der Schallfigur verursacht, setzen wir für gleiche Höhe des Hemmungspunktes fest:

Höhe in km	100 ∆ t	100 ∆ w m sec.
0 — 3	0,50°	0,40
3 — 10	0,60°	0
10 — 20	0°	0

Temperatur im Niveau der Schallquelle — 57°

Die Anfangsgeschwindigkeit des Windes am Boden mißt 0 m/sec.

Eine solche Wetterlage kommt am Rande einer Antizyklone vor. In diesem Falle ist z. B. der E.-Wind am Nordfuß der Alpen nur seicht ausgebildet, wie an der meteorologischen Zentralanstalt in Zürich durch eine große Zahl von Pilotaufstiegen nachgewiesen wurde.

Die berechnete Schallfigur ist in der nämlichen Konstruktion VIII strich-punktiert angegeben. Während der Windgradient auf der Luvseite wie in der im vorigen Beispiel erwähnten Art und Weise wirkt, werden jetzt auf der Leeseite die Strahlen, welche die Diskontinuitätsfläche in 3 km Höhe tangieren, also bei Windstille nicht mehr zur Erde gelangen können, durch den Einfluß der Windgeschwindigkeitszunahme konkav nach unten refraktiert und bilden die äußere Begrenzung der Schallfigur (vergl. Konstruktion). Die Exzentrizität kommt auch diesmal deutlich zur Geltung. Auf der X-Achse reicht das Schallgebiet in Luv bis 59,4, in Lee bis 106,0 km von der Orthogonalprojektion der Schallquelle.

Die grotesken schmalen Streifen des Hörbarkeitsgebietes längs der Asymptoten, deren Azimut ± 40° 24′ mißt, entstehen infolge Kompensation des Temperatur- und Windgradienten in Bezug auf die Schalleitung; sie sind ohne praktisches Interesse. Der Windsprung von 12 m sec. in 3 km Höhe, der aus der getroffenen Annahme resultiert, und bei der Berechnung berücksichtigt worden ist, hat nur einen untergeordneten Einfluß auf die Form und die Größe der Schallfigur.

III. Teil.

Hörbarkeit des Kanonendonners im Winter 1917/18 in der Schweiz und in Süddeutschland.

A. Das Beobachtungsmaterial.

1. Organisation des Beobachtungsdienstes über Schallwahrnehmungen. Von den zahlreichen Stationen der schweizerischen meteorologischen Zentralanstalt in Zürich wurden seit Kriegsausbruch die Wahrnehmungen über K. für bestimmte Einzelfälle notiert. Speziell zeichnete man seit Mitte Februar 1918, auf ein Rundschreiben der Zentralanstalt im Interesse dieser Untersuchung hin, täglich um 7½ h. a. m., 1½ h. p. m. und 9½ h. p. m. die Beobachtungen auf. Man stellte die Stärke (schwach, mäßig, stark gehört), Richtung und Art des Schalles fest. Unter „Art“ wurden einzelne Schüsse oder ein Rollen aufgeführt. Es wurden auch Angaben über lokale Einflüsse beigefügt, falls der Beobachter von dergleichen Kenntnis bekam.

Im weitern wurden der Untersuchung durch Vermittlung der Schweizerischen meteorologischen Zentralanstalt die K.-Wahrnehmungen von 9 meteorologischen Stationen aus Württemberg und von 18 solchen aus dem früheren Großherzogtum Baden zur Verfügung gestellt.

2. Beobachtungsmaterial über die physikalischen Zustände der Atmosphäre. Die deutschen, französischen und schweizerischen Witterungsberichte wurden konsultiert. Die Windrichtung und -Geschwindigkeit ermittelte man an Hand der Aufzeichnungen der meteorologischen Stationen Basel, Zürich, Weißenstein, Rigi, Pilatus, Säntis und der Notizen im Beobachtungsjournal der meteorologischen Zentralanstalt über den Wolkenzug bis rund 10 km Seehöhe. Die Untersuchung über die Stagnation der Luft bei Nebelbildung, ferner über die Störungen des Temperaturzustandes durch Niederschläge basiert auf den Originalberichten der meteorologischen Beobachter.

Für die Untersuchung der Temperatur- und Luftströmungsverhältnisse der freien Atmosphäre leisteten die durch die Schweizerische meteorologische Zentralanstalt vermittelten Mitteilungen der Drachenstation in Friedrichshafen sehr gute Dienste.

3. Verwendungsbereich des Beobachtungsmaterials. Die Schweiz eignete sich mit ihrem Relief vorzüglich zur Untersuchung über die Fernhörbarkeit des K. Die Terrainformen verursachten Modifikationen der normalen und anormalen Zone und damit des Gebietes des Schweigens, wodurch Anhaltspunkte über das Wesen dieser interessanten Schallfortpflanzung erhalten wurden. Neben zahlreichen Beobachtungen aus dem Flachland waren Angaben von Höhenstationen sowohl über die Hörbarkeit wie über die meteorologischen Verhältnisse von besonderem Wert. Dadurch können freilich Versuche im Großen, die schon ins Auge gefaßt sind,[1]) nicht ersetzt werden, denn aus Beobachtungen der vorliegenden Art konnten verschiedene wichtige Daten naturgemäß doch nicht entnommen werden. Die Zeiten, während welchen die Schallbahnen zurückgelegt wurden, zu bestimmen, war so viel wie ausgeschlossen, und gerade diese Angaben wären für die Interpretation von fundamentaler Bedeutung. Eine weitere Unsicherheit wurde durch das Vorkommen vieler Schallquellen bedingt, deren Standort und somit auch deren Höhe über Meer nicht genau bekannt waren. Über die verwendeten Kaliber ließen sich nur Mutmaßungen aussprechen. Die Abhängigkeit von den Kriegsoperationen braucht nicht besonders erwähnt zu werden.

B. Die Untersuchung.

1. Herstellung von Schallfigurenkarten. Die Schallwahrnehmungen während der drei angegebenen Beobachtungstermine wurden für sämtliche Tage vom 12. Februar bis 24. März 1918 in topographische Karten eingezeichnet. 6 typische Schallkarten fanden hier Aufnahme. Nach den sehr detaillierten Aufzeichnungen eines der wichtigsten schweizerischen Militär-Beobachtungspostens im Jura kamen approximativ als Zentren für die Schallerregung Altkirch, 273 m, und Hartmannsweilerkopf, 1128 m ü. M., in Betracht. Als größte Kaliber traten während der Monate Februar-März 1918 im Sundgau auf französischer Seite 28 cm-Geschütze in Aktion. Störende Einflüsse durch Schießübungen der schweizerischen Artillerie konnten eliminiert werden, da die meteorologische Zentralanstalt präzise Zeit- und Ortsangaben von den verschiedenen Kommandostellen und Waffenplatzverwaltungen über die Übungen erhalten hatte.

Zunächst ist hervorzuheben, daß die Untersuchung einen beliebigen Zeitabschnitt von 41 Tagen des Winters 1917—18 umfaßt. Wir sind deshalb überrascht, festzustellen, daß sich während diesen sämtlichen Tagen der Schall mehr oder weniger deutlich „anormal" fortgepflanzt hat. Die Fernakustik ist also im Winter keine Ausnahmserscheinung. In 12 von den 41 Fällen ist ein ausgesprochenes Kartenbild entstanden, und überdies ist zum Teil ein stetiger Übergang von einer Schallfigur zur andern feststellbar. Besonders typisch sind zwei Beispiele, die Karten vom 16. Februar und 5. März, welche eine sehr deutliche anormale Zone erkennen lassen. Beim letztern Fall sind die Gebiete der normalen und anormalen Hörbarkeit scharf durch eine Zone des Schweigens getrennt. Bei der ersten Karte hingegen hat man sich das normale Schallgebiet einzig im Elsaß vorzustellen.

Spezielles Interesse hat für uns

2. die Form des Innenrandes der anormalen Zone und dessen Entfernung von der Schallquelle. Obwohl eine punktförmige Schallerzeugung fehlt, so liegt doch in den hier reproduzierten Schallkarten vom 16. Februar und 3. bis 6. März (I und III—VI) die Tendenz vor, den Innenrand der Außenzone konkav zum Schallherd zu gestalten. In der Karte vom 16. Februar ist am besten ersichtlich, wie die anormale Zone die Schallquelle sichelförmig umgibt; der Innenrand dieser Zone liegt in einer Entfernung von 100—125 km von den fixierten Schall-Zentren. Es fällt auf, daß während allen fünf Tagen, die zeitlich über einen halben Monat auseinanderstehen, die Ausbildung dieser Hörbarkeitsgrenze angenähert in die gleiche Landschaft fällt. Immerhin ist noch ein ganz anderer Verlauf der Kurve im schweizerischen Mittelland möglich, wie die Publikationen von A. de Quervain zeigen, sodaß man nicht etwa vermuten muß, die Entfernung der innern Begrenzung der anormalen Zone von der Schallquelle sei eine konstante Größe. Wir wollen deshalb die gefundene Distanz von 100—125 km mit anderen Fällen vergleichen. Aus einer Zusammenstellung der wichtigsten Veröffentlichungen über empirische Untersuchungen folgt:

Zahl der aufgenommenen Fälle	25
Mit Zone des Schweigens (Außenrand 100—170 km vom Zentrum entfernt)	14
Ohne Zone des Schweigens	5
Zone des Schweigens eingekeilt	2
„ „ „ mit unsicherer resp. unbestimmter Form	4

[1]) Vergl. A. de Quervain, Jahresbericht des schweiz. Erdbebendienstes, 1914.

Es ist beachtenswert, daß die äußere Begrenzung der Zone des Schweigens zwischen 100 bis 170 km variiert, und daß anderseits das normale Gebiet häufig eine Ausdehnung bis 100 km erfährt, sodaß ein völliges Aufhellen des schallfreien Raumes eintreten kann. Die verschiedene Entfernung des Außenrandes der Zone des Schweigens von der Schallquelle beweist, daß nicht konstante physikalische Zustände das Schallphänomen erzeugen, sondern daß diese physikalischen Zustände selbst zeitlichen Änderungen unterworfen sind. Wenn auch die Variation der erwähnten Distanz vor allem durch die Zustandsänderungen des Luftmeeres verursacht wird, so darf doch eine weitere Ursache nicht außer Acht gelassen werden, die dabei mitspielt, nämlich:

3. Der Einfluß des Reliefs auf die Aufhellung der Zone des Schweigens. Betrachten wir zu diesem Zweck die Schallkarte I (16. Februar 1918). Das primäre Gebiet hat an diesem Tage eine sehr geringe Ausdehnung in Übereinstimmung zu zahlreichen früheren Beobachtungen. Ob Basel bereits in der Zone des Schweigens liegt, kann nicht mit Bestimmtheit festgestellt werden. Es ist von größtem Interesse, daß das schallfreie Gebiet in den Höhen des Jura aufgehellt wird, wie die Meldungen von Langenbruck (718 m ü. M.), La Ferrière (1092), Champ Fahy (820) und Mt. Soleil (1290) andeuten. Selbst Mervelier (570) hat beim II. Termin den Schall wahrgenommen. Der Beobachter in Wittnau (415) meldet, er sei nicht sicher, ob der Schall vernommen worden sei. Ganz in Übereinstimmung mit den Angaben der Höhenorte im Jura steht die Beobachtung in Luthern (778), der K. sei nicht im Dorf, aber von den Holzern auf den umliegenden Höhen wahrgenommen worden. Die fraglichen Anhöhen erreichen im Napf den höchsten Punkt mit 1411 m. In Hitzkirch, 48 m über dem Niveau des Baldeggersees, an der „Schallseite" des Lindenbergs gelegen, hat man beim II. Termin den Schall gehört, was bei der günstigen topographischen Lage und einer Entfernung von nur 12 km von der anormalen Zone plausibel ist. Auch Kölliken (430) meldet — allerdings nur schwach wahrgenommenen — K. Nach den positiven Meldungen dieser vorwiegend in Jurahöhen vorkommenden Stationen ist zu schließen, daß die Zone des Schweigens an diesem Tag in geringer Höhe überbrückt wurde.

4. Stetige Änderung der relativen Schallintensität im anormalen Hörbarkeitsgebiet während zwei Serien von je einer Anzahl aufeinanderfolgender Tage. Vergleicht man die Serie von Schallfiguren für die Tage vom 19.—25. Februar oder 2.—7.[2]) März 1918 miteinander, so erkennt man mit aller Deutlichkeit, daß sich ein stetiger Vorgang abspielt. Die Hörbarkeit nimmt im Laufe der Tage in beiden Zonen zusammen oder nur in den einzelnen kontinuierlich zu oder ab. Man hat dabei allerdings von ganz vereinzelten Meldungen abzusehen, die nicht in den Rahmen des Gesamtbildes passen, was vollauf berechtigt ist, da lokale Einflüsse mitspielen können. Auch ist ausnahmsweise mit einer unzuverlässigen Meldung zu rechnen. Die stetige Änderung der Summe der Meldungen über Schallwahrnehmungen an verschiedenen aufeinanderfolgenden Tagen zu den angegebenen drei Terminen ist am deutlichsten in Tabelle III ersichtlich. In der ersten Serie streben die Meldungszahlen für die normale Zone bei den drei Terminen einem Maximum zu, das in der Zeit vom 22.—23. Februar erreicht wird. Im anormalen Gebiet hingegen nimmt die Zahl ab und wird zum Minimum am 22. für sämtliche Termine. Beachtenswert ist das ziemlich genaue zeitliche Zusammenfallen der beiden entgegengesetzten Extreme.

Ganz ähnliche Verhältnisse zeigt die zweite Serie. Die Zahl der Meldungen ist bei sämtlichen Terminen für den 5. März am größten. In beiden Schallgebieten verbessern sich die Hörbarkeitsbedingungen kontinuierlich, sind am Morgen des angegebenen Tages am deutlichsten entwickelt und flauen nachher allmählich wieder ab. — Beziehen wir die Meldungszahlen aus der normalen und der anormalen Zone je auf die Flächeneinheit und bezeichnen diesen Quotienten als einen rohen Näherungswert für die relative Schallintensität, so lassen sich die besprochenen stetigen Vorgänge kurz wie folgt ausdrücken: In der Serie I fällt ein Maximum der relativen Schallintensität im normalen mit einem Minimum im anormalen Schallgebiet zeitlich (genähert) zusammen. In der Serie II tritt gleichzeitig ein Maximum der relativen Schallintensität in der normalen und in der anormalen Zone auf.

In den bisherigen Publikationen ist festgestellt worden, daß der K. im Winter am frühen Morgen oder am späten Abend am deutlichsten wahrgenommen wird. In Tabelle III aber sehen wir, daß häufig die größten Meldungszahlen auf den II. Termin fallen. Dieses Resultat darf nicht zu Schlüssen über ein entsprechendes Verhalten atmosphärischer Faktoren benutzt werden, denn es bleibt dahingestellt, ob an einigen Tagen, z. B. am 23. und 24. Februar um 1½ h. p. m. besonders intensiv geschossen wurde oder nicht.

5. Untersuchung der Atmosphäre in Bezug auf Zustandsänderungen, welche den stetigen Änderungen der relativen Schallintensität im anormalen Hörbarkeitsgebiet entsprechen. Im vorigen Abschnitt haben wir erkannt, daß sich die relative Schallintensität in der anormalen Zone stetig ändert. Darum liegt der Schluß nahe, daß sich auch die Faktoren, welche die anormale Schallfortpflanzung ver-

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[2]) Von dieser Serie sind die Schallkarten vom 3.—6. März 1918 hier aufgenommen worden.

Tabelle III.

Anzahl der positiven schweizerischen[3]) Meldungen für die Wahrnehmungen des K. an verschiedenen Tagen je um 7½ h a. m., 1½ h p. m. und 9½ h p. m.

1918			Normale Zone				Zone des Schweigens[4])				Anormale Zone			
	Monat	Tag	7½ h a. m.	1½ h p. m.	9½ h p. m.	Total	7½ h a. m.	1½ h p. m.	9½ h p. m.	Total	7½ h a. m.	1½ h p. m.	9½ h p. m.	Total
I. Serie	Febr.	19	1	1	—	2	—	—	—	—	3	12	5	20
	„	20	4	9	2	15	1	2	1	4	11	17	8	36
	„	21	7	7	4	18	—	—	—	—	3	5	3	11
	„	22	**15**	13	5	33	—	—	—	—	**2**	**3**	**2**	**7**
	„	23	10	**27**	**12**	**49**	—	1	—	1	4	6	4	14
	„	24	4	22	6	32	1	2	1	4	4	20	9	33
	„	25	4	—	—	4	—	—	—	—	2	3	2	7
			45	79	29	153	2	5	2	9	29	66	33	128
II. Serie	März	2	—	1	—	1	—	—	—	—	—	3	5	8
	„	3	—	2	1	3	—	—	—	—	2	19	32	53
	„	4	4	5	2	11	—	—	—	—	8	21	29	58
	„	5	**10**	**10**	**3**	**23**	—	—	—	—	**50**	**47**	**39**	**136**
	„	6	6	5	1	12	—	—	—	—	19	27	19	65
	„	7	2	—	1	3	—	—	—	—	8	16	4	28
			22	23	8	53	—	—	—	—	87	133	128	348

ursachen, stetig geändert haben. Sucht man im Luftmeer nach einem solchen Faktor, so findet man schließlich den verschiedenen Grad in der Ausbildung des Nebelmeers. Der Nebel an sich ist für die Schallausbreitung allerdings nur nebensächlich, aber die dann herrschenden Temperaturzustände sind ausschlaggebend. Er spielt also für uns nur die Rolle eines — zwar nicht immer zuverlässigen — Indikators. Wenn auch bei einem Nebelmeer mannigfaltige Zustände herrschen können, so beweist seine Existenz doch, daß folgende Temperaturverhältnisse vorhanden sind:

1. Maßgebend für die Bildung der mächtigen „Strahlungsnebel" sind die antizyklonalen Zustände, welche im Winter von Temperaturumkehrungen begleitet werden.
2. Die Temperaturabnahme mit der Höhe ist in den untern Schichten der winterlichen Antizyklonen geringer als in der Umgebung.
3. Bei einem Nebelmeer befinden sich die Luftmassen über dem Erdboden in einem Zustand der Stagnation. Vertikale Luftströmungen finden nicht statt, somit keine adiabatische Expansionen und Kompressionen und damit auch keine Störungen im schon vorhandenen Temperaturzustand.
4. Im Vergleich zu diesen günstigen Einflüssen sind die Störungen der Schalleitung wegen den suspendierten Teilchen minim anzuschlagen. Die Wirkung dieser Wasserkügelchen auf ebene Schallwellen hängt nach Rayleigh vom Verhältnis der Größe des Hindernisses zur Wellenlänge ab, kann also vernachlässigt werden, wenn man berücksichtigt, daß der Durchmesser der Wasserkügelchen ca. 0,02 mm und die hier vorkommende Wellenlänge ca. 20 m mißt.

Die Nebelbildung war im I. Quartal 1918 so außergewöhnlich häufig, daß ein Vergleich mit der Hörbarkeit des K. sehr gut durchgeführt werden konnte. Von diesem Quartal liegen aus der Ostschweiz für 51 Tage Meldungen über die Stärke des K. vor. Durch Vergleich mit den Angaben der meteorologischen Beobachter auf Säntis, Pilatus, Rigi und Weißenstein über den verschiedenen Grad der Ausprägung des Nebelmeeres gelangt man zu folgender Zusammenstellung:

[3]) Die Meldungen aus Süddeutschland sind hier nicht berücksichtigt worden, weil sich deren Zeitangaben nur ungefähr mit obigen Terminen decken.

[4]) Unter dieser Rubrik sind einzig die positiven Meldungen von Wasen und Luthern im Napfgebiet aufgeführt, da beide Orte weder der normalen noch der anormalen Zone mit Bestimmtheit eingereiht werden können.

Nebelmeer Ausbildung	Kanonendonner Stärke		wahrgenommen an Tagen
I. ausgeprägt	allgemein	gehört	21
	von wenigen	„	5
II. teilweise ausgeprägt	allgemein	„	1
	von wenigen	„	19
III. fehlt	nicht	„	5
			51

Es zeigt sich also recht deutlich, daß der K. bei einem ausgeprägten Nebelmeer sehr gut wahrnehmbar ist. Während der Tage vom 26. Januar bis inklusive 5. Februar 1918 verzeichneten die angegebenen Höhenstationen ununterbrochen ein prächtiges Nebelmeer. Damit stimmt eine ununterbrochene deutliche Fernhörbarkeit des K. überein.

Man wird sich hüten, die fünf Fälle der Rubrik III dem Fehlen der Nebelbildung allein zuzuschreiben, denn es ist nicht bekannt, ob an diesen Tagen überhaupt geschossen wurde.

Wenn auch das Nebelmeer der Index für vorhandene Inversionen und das Fehlen von Störungen im Temperaturgefälle der untern Atmosphäre ist, so trifft durchaus nicht zu, daß etwa dieser Index bei diesem Temperaturgang immer vorhanden sein müsse.

Störungen im Temperaturzustand der Atmosphäre haben auch eine Störung in der anormalen Schalleitung zur Folge. Diese Beziehung kann an Hand der Niederschläge nachgewiesen werden. Eine Zusammenstellung für die Zeit vom 19.—25. Februar und 2.—7. März über die anormale Hörbarkeit des K. und über das Vorkommen von Niederschlägen in Verbindung mit der Ausprägung des Nebelmeeres hat folgendes Hauptresultat ergeben: Wenn es während der antizyklonalen Wetterlage schneite oder regnete, nahm die anormale Hörbarkeit des K. ab. Die vertikale Zirkulation stört nämlich vorhandene Inversionen.

Nachdem wir uns in qualitativem Sinne überzeugt haben, daß Inversionen und das Fehlen von Temperaturstörungen durch Niederschläge die anormale Schallfortpflanzung begünstigen, sind wir in der Lage, dieses Resultat an Hand der Aufstiegsergebnisse der Drachenstation in Friedrichshafen etwas weiter prüfen zu können. Der Temperaturzustand ist an den für uns besonders in Betracht kommenden Tagen (16., 22.—24. Februar und 2.—5. März) nur am 24. Februar und 5. März 1918 über 2500 m Seehöhe hinaus festgestellt worden. Wenn somit auch an Hand der Beobachtungen in Friedrichshafen ein einwandfreies zeitliches Übereinstimmen der stetigen Änderung der Meldungszahlen aus dem anormalen Schallgebiet mit einem Wechsel in der Stärke und Höhe der Inversionen quantitativ nicht nachgewiesen werden kann, so ist doch hervorzuheben, daß während der Tage der Untersuchung in Friedrichshafen Inversionen bis 2440 m und Isothermien bis 3340 m Seehöhe tatsächlich festgestellt worden sind. Letztere kommen zwar für die Rückbiegung der Schallstrahlen nicht in Betracht, lassen aber doch darauf schließen, daß in dieser, für Fernfortpflanzung des Schalles günstigen Höhe Tendenz zur Temperaturumkehr vorlag. Die bisherige Untersuchung über den Temperaturzustand der Atmosphäre läßt sich kurz wie folgt zusammenfassen: Qualitativ ist nachgewiesen worden, daß der stetigen Änderung der relativen Schallintensität im anormalen Schallgebiet eine stetige Änderung des Temperaturzustandes der Luft entspricht. Das vorhandene Beobachtungsmaterial ermöglicht einen strengen quantitativen Nachweis dieses Schlusses nicht.

6. Feststellung, ob in einzelnen typischen Fällen Luftströmungen oder Inversionen die anormale Schallfortpflanzung primär verursachten. Diese Untersuchung erstreckt sich auf die Tage vom 16. und 24. Februar 1918, weil für diese beiden Tage ein reichhaltiges Beobachtungsmaterial vorliegt. An Hand einer Reihe von Beobachtungstatsachen werden wir finden, daß für den ersten Tag nur Inversionen, hingegen für den letzten Inversionen in Verbindung mit sehr günstigen Luftströmungen als Ursache für die anormale Schalleitung in Betracht kommen.

Schallkarte I. 16. Februar 1918.
(Schallfigur durch Inversionen entstanden.)

Die Windrichtung und -Geschwindigkeit sind an diesem Tage in der untern Atmosphäre so ungünstig für die anormale Schallfortpflanzung, daß nur eine schwache oder keine Komponente berücksichtigt werden kann. Über Westrußland befand sich eine Antizyklone (780 mm), die bis nahe an den Nordfuß der Alpen reichte; eine Zyklone war über dem Mittelmeer (755 mm). In der Schweiz, nördlich der Alpen, verliefen die Isobaren von SE. nach NW. mit einem Gradienten von 2,0 mm. Über die Windrichtung und -Stärke an Orten mit verschiedener Meereshöhe gibt folgende Zusammenstellung Aufschluß:

Station	Höhe in m ü. Meer	Windrichtung u. -Stärke bei Beobachtungstermin I	II	III
Zürich	493	NE_2	NE_2	N_1
Weißenstein	1285	N_0	N_1	NE_1
Rigi-Kulm	1787	E_2	SE_1	E_1
Säntis	2500	ENE_2	ENE_0	ENE_1

Die Windstärke ist nach 1/2 Beaufort-Skala angegeben.

Die Ergebnisse der Drachenstation über die Windverhältnisse des freien Luftmeeres stimmen mit diesen Beobachtungen in der Schweiz überein. Es ist besonders beachtenswert, daß in Friedrichshafen um 7 h. 39 a. m. von 1270—2400 m konstante Windgeschwindigkeit (a in Formel 6 a = 0) festgestellt wurde; somit konnte die Richtung der Frontwellennormale nach den Formeln 9 a)—c) durch den Windgradienten nicht geändert werden.

Die Luftströmungen wurden von der Drachenstation bis 3960 m Seehöhe beobachtet. Wolken waren an diesem Tag in Zürich nur bis 1500 m über Meer sichtbar, es können also keine Messungen über Wolkengeschwindigkeit in der obern Troposphäre vorliegen.

Der Temperaturzustand. Von der Drachenstation wurde an diesem Tag eine Inversion zwischen 1270—1400 m Seehöhe mit einem Temperaturgradienten von — 0,92° pro 100 m festgestellt. Es unterliegt aber keinem Zweifel, daß in der untern Atmosphäre weitere Inversionen vorhanden waren. An diesem Tag lag nämlich über dem Alpennordfuß der Schweiz der Rand einer Antizyklone, die Höhenstationen meldeten ein teilweise ausgebildetes Nebelmeer, und Niederschläge fehlten, was zusammen sehr günstige Hinweise für die Existenz von Inversionen in der untern Troposphäre sind.

Die Schallfigur. Bei der Untersuchung über den Einfluß des Reliefs auf die Aufhellung der Zone des Schweigens wurde nachgewiesen, daß am 16. Februar 1918 das schallfreie Zwischengebiet in geringer Höhe überbrückt wurde; da es aber ausgeschlossen ist, daß den Winden bis 4000 m Seehöhe das Rückbiegen der Schallstrahlen zugeschrieben werden könnte, so müssen folglich die Strahlen in Inversionen zur Erde zurück gewendet worden sein. Mit diesem Schluß stimmt auch die deutlich nachgewiesene konkave Abgrenzung des sekundären Gebietes nach innen überein, was wir bei der Diskussion von Konstruktion IV als ein Kriterium dafür erkannt haben, daß die Temperatur die Fernakustik verursacht habe. Die ungünstigen Windverhältnisse bis 4000 m Seehöhe, das Überbrücken der Zone des Schweigens in geringer Höhe und die konkave Abgrenzung des sekundären Gebietes gegen den Schallherd weisen darauf hin, daß für den 16. Februar 1918 den Inversionen die Ursache für die Fernleitung des Schalles zuzuweisen ist.

Schallkarte II. 24. Februar 1918.

Die Windrichtung und -Geschwindigkeit. Über Südwest-Europa befand sich eine Hochdruckzone (775 mm), das Depressionsgebiet (745 mm) lag über Skandinavien. Über die Windrichtung und -stärke stellen wir folgende Beobachtungen zusammen:

Station	Höhe in m ü. Meer	Windrichtung u. -Stärke bei Beobachtungstermin I	II	III
Zürich	493	E_0	E_0	S_0
Weißenstein	1285	E_1	E_0	NW_0
Rigi-Kulm	1787	W_0	W_0	W_1
Säntis	2500	W_1	WSW_0	WSW_4

Windstärke nach 1/2 Beaufort-Skala.

Die Feststellungen in Friedrichshafen über die Luftströmungen in der freien Atmosphäre stimmen mit diesen Angaben überein: An der Erdoberfläche bis rund 1500 m ü. Meer herrschte um 6 h. 47 m a. m., von wenigen Varianten abgesehen, östlicher Wind. Darüber setzte bis 3330 m Seehöhe eine für unsere Schallanomalien außerordentlich günstige Luftströmung ein, die aus NNW. wehte mit einer starken durchschnittlichen Windgeschwindigkeitszunahme von ca. 1,0 m/sec. pro 100 m. Um 4 h. 20 p. m. drehte der Wind von 860 m Seehöhe an von S. 55 E. über S. und W. bis N. 45 W. in 4530—5390 und N. 50 W. in 5390—6260 m Seehöhe, wobei von 860—2240 m eine durchschnittliche Windgeschwindigkeitszunahme von 0,360 m sec., und in der Schicht von 2690—6260 m eine solche von 0,460 m sec. pro 100 m konstatiert wurde. — Wolkengeschwindigkeitsmessungen konnten in Zürich wegen des dicht ausgebildeten Nebelmeeres nicht durchgeführt werden.

Der Temperaturzustand. Drei Inversionen und drei Isothermien wurden an diesem Tag um 6 h. 47 a. m. festgestellt. Die Höhen und Temperaturgradienten pro 100 m dieser Inversionen sind folgende:

Höhe in m ü. Meer	Temperaturgradient pro 100 m = 100 Δ t
400 — 520	— 0,750°
620 — 820	— 1,0°
2300 — 2440	— 1,57°

Nach den gemessenen Isothermien zu schließen, war zudem in den Meereshöhen von 1220—1330, 1560—1700 und 2940—3120 m Tendenz zur Temperaturumkehr vorhanden. In Übereinstimmung zu den festgestellten Inversionen und der geringen Temperaturabnahme nach oben steht die Antizyklone, deren Rand sich an diesem Tag über dem schweizerischen Alpennordfuß befand, das Nebelmeer, das bis ca. 800 m Seehöhe nördlich der Schweizeralpen lagerte und das Fehlen von Niederschlägen.

Die beobachtete Schallverteilung ist trotz der quantitativ festgestellten günstigen Bedingungen für anormale Schalleitung lückenhaft; ob an diesem Tage am Morgen und Abend selten und nur nachmittags mehr geschossen wurde, ist nicht bekannt. Die Verteilung der Meldeorte zeigt immerhin, daß der Schall auf große Distanzen deutlich wahrgenommen wurde. Über die Existenz einer Zone des Schweigens und deren spezielle Form läßt sich nichts bestimmtes feststellen, es kann somit auch kein zuverlässiger Schluß gezogen werden, ob an diesem Tag die beobachteten sehr günstigen Winde oder die beobachteten Inversionen die Fernakustik primär verursachten.

IV. Teil.
Zusammenfassung.

Im I. Teil wurde ein historischer Überblick über die festgestellten Tatsachen und die Interpretationen für anormale Schallfortpflanzung gegeben, woraus sich die Problemstellung für die vorliegende Arbeit ergab.

Im theoretisch-konstruktiven Teil II wurden die Schallfiguren für neun Fälle bestimmter Temperatur- und Windzustände konstruiert, um den Zusammenhang zwischen den meteorologischen Zuständen und den entstandenen Schallfiguren zu zeigen. Sämtliche dazu notwendigen Konstruktionsformeln wurden im Anschluß an die Untersuchungen von Mohn-Schiötz und Fujiwhara hergeleitet.

Aus den Fällen 1—8 des II. Teils lassen sich folgende Haupttatsachen zusammenstellen:

Es sind zwei Typen von anormalen Schallfiguren zu unterscheiden, nämlich:

I. axial symmetrische anormale Schallfiguren, welche durch den Einfluß von Windgradienten auf die Schallbahnen entstehen.

1. Die Überbrückung der Zone des Schweigens findet in einer Windschicht mit einem hinreichend starken Windgradienten statt. Dieser Wind darf dem Erdboden nicht unmittelbar aufliegen, weil sonst keine Zone des Schweigens entsteht. Der starke Einfluß einer kleinen Änderung des Temperatur- und Windgradienten, auch der Höhe, in welcher der Windgradient beginnt, auf die Variation der Form und der Entfernung des Innenrandes der anormalen Zone vom Schallzentrum, ist an Hand von Beispielen gezeigt worden.

   Diese Art der Überbrückung findet bei geometrischen und gebeugten Strahlen statt.

2. Die Form der anormalen Schallzone ist im allgemeinen an der auf die X-Achse (Windrichtung) bezogenen Symmetrie und an der starken konvexen Abgrenzung gegen die Schallquelle hin erkenntlich. Dreht der Wind seine Horizontalrichtung mit der Höhe, so ist die Symmetrieachse entweder nicht mehr deutlich zu erkennen, oder sie fällt vollständig aus; die starke konvexe Abgrenzung wird in diesem Falle zu einer leicht konkaven nach dem Schallherd, ohne aber letztern rotationssymmetrisch zu umschließen.

   Für axial symmetrische Schallfiguren sind keilförmige Zonen des Schweigens, oder das Fehlen eines schallfreien Zwischengebietes überhaupt charakteristisch.

   Bei Divergenz der Winde kann eine, auf das Schallzentrum bezogene rotationssymmetrische Form der anormalen Zone mit kleinem Zentriwinkel entstehen.

3. Die Intensitätsverteilung ist an Hand eines für die Luftströmungstheorie charakteristischen Beispiels mit geometrischen Strahlen bestimmt worden. Dabei wurde gefunden, daß die Intensität am innern Rand der sekundären Zone in unmittelbarer Nähe der X-Achse am größten ist und bei größerer Distanz vom Schallherd, auch bei größerem Azimut rapid abnimmt.

   Da ein Windgradient direkte und gebeugte Strahlen zur Erde zurückwendet, sind die Luftströmungen zum Transport großer Schallenergien geeignet.

II. Rotationssymmetrische anormale Schallfiguren mit großen Zentriwinkeln bis über 180°, die nicht in einwandfreier Weise durch die Windgradienten, wohl aber durch die im Winter häufigen untern Inversionen erklärt werden können.

1. Die Überbrückung der Zone des Schweigens ist in der Regel nur für gebeugte Strahlen möglich. An Hand eines exzeptionellen Beispiels für geometrische Strahlen ist mit Berücksichtigung des 1. Beugungsminimums nach der von Mallock benützten Methode für Windstille gezeigt worden, daß sich die Zone des Schweigens auf größere Entfernungen vom Schallherd weg ausbreitet, wenn die Temperaturabnahme der untern Luftschichten größer ist; das anormale Schallgebiet hingegen hängt von der Ausprägung der untern Inversionen ab.
2. Die Form der anormalen Zone ist ein Kreisring-Ausschnitt. Der schallfreie Teil des Kreisringes, wie auch die Variation der Form des Innenrandes der anormalen Zone sind qualitativ und quantitativ durch den Einfluß von Windgradienten auf die Inversionen erklärt worden.
3. Die Intensitätsverteilung. In dem Beispiel mit Inversionen (vgl. Konstruktion III) ist die Intensität, wie die Berechnung für geometrische Strahlen zeigt, am Innenrand der sekundären Zone am größten und nimmt bei Zunahme der Distanz vom Schallherd allmählich ab. Vergleicht man die beiden berechneten Intensitätsverteilungen miteinander, so folgt, daß eine Inversion weit weniger Schallenergie transportieren kann, als jene Zustände der Atmosphäre, bei welchen ein Windgradient in Frage kommt. Dieser Vergleich fällt tatsächlich noch mehr zu Ungunsten der Inversionstheorie aus, da die Inversionen meist nur gebeugte Strahlen zur Erde zurückzuwenden vermögen.

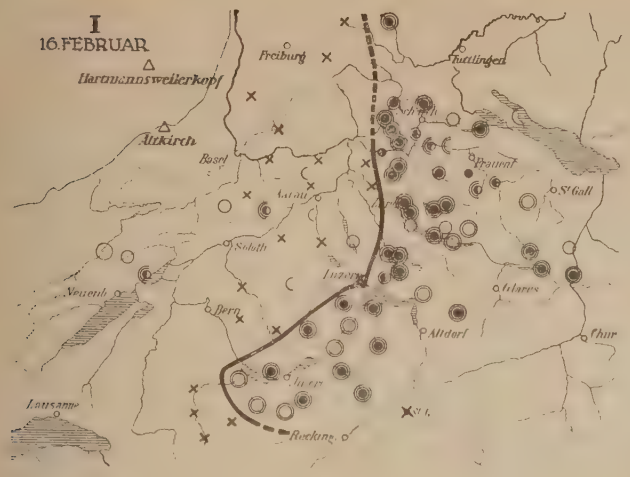
Im Anhang (Konstruktion VIII) ist das Schallbild, das von den Detonationen eines explodierenden Meteors herrührt, untersucht worden. Man hat qualitativ und quantitativ gezeigt, daß der Einfluß des Temperatur- und Windgradienten auf die Schallbahnen zu Ergebnissen führt, die sich mit einem empirisch untersuchten Falle decken.

Folgende Ergebnisse der Untersuchung im III. Teil über die Hörbarkeit des K. im Winter 1917—18 in der Schweiz und in Süddeutschland stimmen mit den Haupttatsachen des II. Teils und früheren Feststellungen überein:

1. Obwohl nicht nur an einer einzigen Stelle geschossen wurde, sondern die Gegend von Altkirch und des Hartmannsweilerkopfes dafür approximativ in Betracht kommen, ist die Schallkarte vom 16. Februar 1918 doch mehr oder weniger deutlich rotationssymmetrisch.
2. Der Innenrand der anormalen Zone ist in den Karten I und V 100—125 km vom Schallherd entfernt, was mit früheren Beobachtungen, daß diese Distanz zwischen 100—170 km zu variieren pflegt, sehr gut übereinstimmt.
3. Am 16. Februar 1918 ist die Zone des Schweigens tiefer als in 4000 m Seehöhe überbrückt worden. Es ist nachgewiesen worden, daß an diesem Tag nur die Inversionen die anormale Schallfortpflanzung verursachen konnten.
4. Es ist eine beachtenswerte Stetigkeit in den Veränderungen aufeinanderfolgender Schallkarten festzustellen. Dem muß eine ebensolche Stetigkeit in der Veränderung der atmosphärischen Bedingungen entsprechen. Die in jener Zeit herrschende antizyklonale Wetterlage mit ihrer durch ein Nebelmeer und Vorhandensein von Inversionen ausgedrückten Stabilität läßt eine solche, durch die Schallfiguren geforderte, stetige Änderung der atmosphärischen Zustände verstehen und nachträglich erwarten. Daß die Schallfiguren hievon schon auf ihre Weise Kunde geben, ist ein interessantes Beispiel für die Möglichkeit der Fernanalyse allgemeiner atmosphärischer Zustände durch den Schall, auf die schon von A. de Quervain hingewiesen wurde.

Zürich, den 26. Juni 1919.

Schallausbreitung des Kanonendonners aus dem Elsass am 16. und 24. Februar 1918

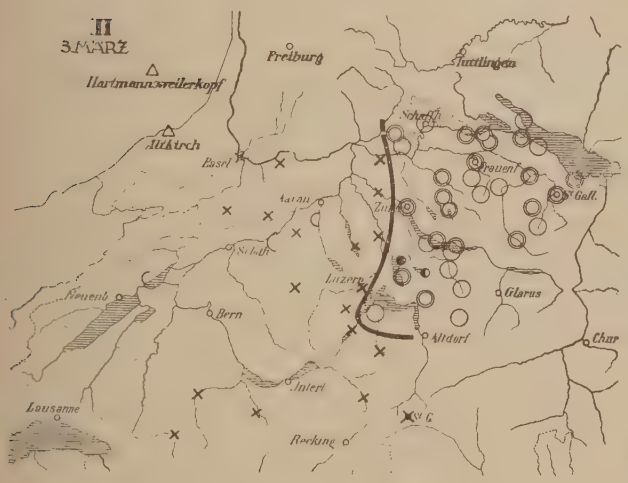


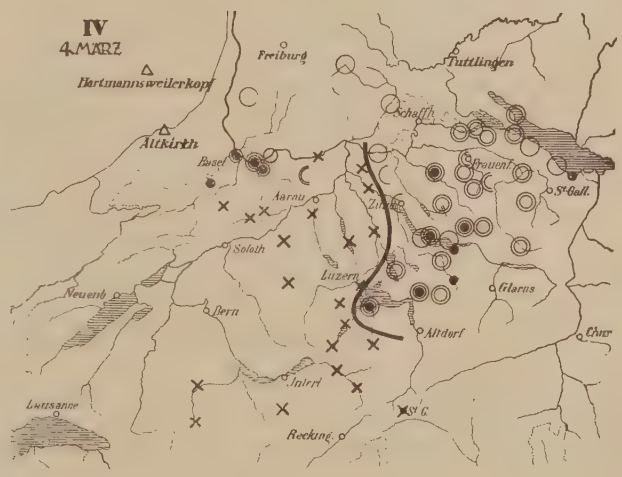
Serie von Schallfiguren

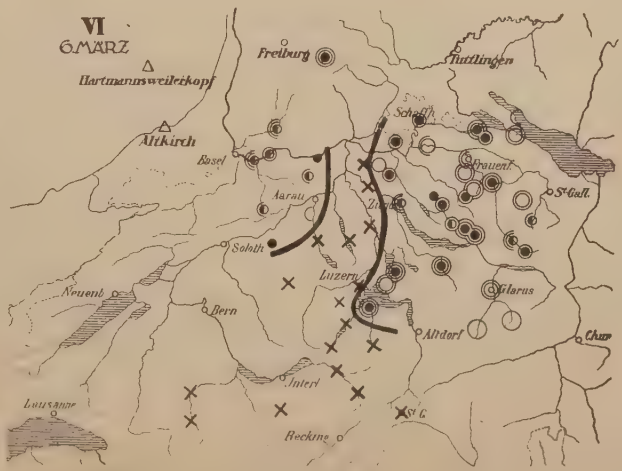
der Ausbreitung des Kanonendonners aus dem Elsass am 3.-6. März 1918

Legende für Schallfigur I–VI

	mässig oder stark	schwach gehört	um:	
	●	◐	7½ h a.m	× negative Meldung
	○	☾	1½ h p.m	▬ Hörbarkeitsgrenze
	◯	☾	9½ h p.m	







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Nr. 7.

Der Wasseraustausch zwischen der Luft einerseits und Schnee und Eis andererseits im Gebirge.

Von Dr. **R. Billwiller.**

Die Frage, ob die Gletscher und Firnfelder der Alpen Wasser aus der Luft kondensieren oder solches durch Verdunstung an die Luft abgeben, hat schon früh einzelne Gletscherforscher beschäftigt.

Eine sehr einlässliche Behandlung fand die Frage in der schönen, 1870 von Ch. Dufour und F. A. Forel veröffentlichten Abhandlung: „Recherches sur la condensation de la vapeur aqueuse de l'air au contact de la glace et sur l'évaporation".[1]) Dort werden auch die Ansichten früherer Gletscherforscher resumiert:

Hugi fand durch direkte Wägung von Eisblöcken auf dem Grindelwaldgletscher im Januar 1832 nachts Gewichtsvermehrung, also Kondensation, tags Gewichtsabnahme, also Verdunstung. Leider können seine Wägungen nicht auf die Flächeneinheit bezogen werden; auch vermindert das Fehlen von Beobachtungen über die Luftfeuchtigkeit ihren Wert.

Rendu schätzte 1840 den Wasserwert des an den Gletschermassiven Savoyens durch Kondensation abgelagerten Firnzuwachses auf 30 pouces (68 ‰) im Jahr.

Klarere Ansichten über den Wasseraustausch von Luft und Firn hatte Agassiz, der 1847 in präziser Weise auseinandersetzt, wann Kondensation und wann Verdunstung an der Eisoberfläche eintreten muss. Seiner Meinung nach halten beide Vorgänge einander die Wage; direkte Messungen fehlen, ebenso Schätzungen der Häufigkeit beider Vorgänge.

Solche Messungen publizierten dann 1870 Dufour und Forel in der eingangs zitierten Abhandlung. In dieser werden zuerst die Bedingungen für Kondensation und für Verdunstung festgestellt; dann folgen experimentelle Bestimmungen der Grösse des Wasseraustausches, welche sie im Juli/August 1870 auf der Zunge des Rhonegletschers anstellten. Sie fanden dort in der ganz überwiegenden Mehrzahl der Fälle Kondensation, und ihre daraus gezogenen Schlussfolgerungen lauten — soweit sie sich auf die zur Diskussion stehende Frage beziehen — folgendermassen:

1. Wenn die Spannkraft des Luftwasserdampfes kleiner ist als 4.60 ᵐ/ₘ, so kann Kondensation oder Verdunstung an der Gletscheroberfläche stattfinden je nach dem Verhältnis von Luftwasserdampf und Eisdampf. Die beiden Vorgänge werden sich ihrer Intensität nach ungefähr gleichkommen und sich in ihrer Wirkung auf die Ernährung des Gletschers aufheben.

2. Jedesmal, wenn die Spannkraft des Luftwasserdampfes grösser als 4.60 ᵐ/ₘ ist, findet Kondensation an der Gletscheroberfläche statt.

3. Der Gesamteffekt von Kondensation und Verdunstung muss in ganz erheblicher Weise zugunsten der Kondensation ausfallen.

4. Da in unserem Klima und in unseren Breiten die mittlere Spannkraft des Luftwasserdampfes mehr als 4.60 ᵐ/ₘ beträgt, so übt der Gletscher eine sehr grosse austrocknende Wirkung auf die Luft aus.

Zeit und Ort ihrer Versuche waren der Kondensation ausserordentlich günstig; dessen waren sich Dufour und Forel wohl bewusst: Nous avons pour nos expériences dans l'été de 1870 recherché une station, où nous eussions surtout représentés les conditions de la condensation. In der Tat muss das tief ins Tal hinabreichende Ende eines Gletschers in der warmen Jahreszeit in der Regel kondensieren, genau so, wie sich ein Glas kalten Wassers in einem warmen und relativ feuchten Zimmer beschlägt. Nur in den Mittagsstunden einiger weniger Tage sank die absolute Luftfeuchtigkeit unter 4.60 ᵐ/ₘ und liess sich dann auch Verdunstung feststellen.

Es ist aber einleuchtend, dass diese am untern Ende eines Talgletschers in ca. 1800 m konstatierten Verhältnisse nicht einmal an den betreffenden Tagen ohne weiteres als für das ganze Firngebiet geltend betrachtet werden können. Noch viel weniger wäre es angängig, von der im Hochsommer an der Gletscherzunge überwiegenden Häufigkeit der Kondensation auf das Vorherrschen derselben in der eigentlichen Firnregion das ganze Jahr hindurch schliessen zu wollen. Wir wissen vielmehr aus den uns nun besser bekannten Temperatur- und Feuchtigkeitsverhältnissen der

[1]) Bull. soc. vaud. sciences nat., vol. X.

höheren Alpenregionen, dass sehr häufig wenigstens die eine Bedingung für Verdunstung erfüllt ist, nämlich dass die absolute Feuchtigkeit kleiner als 4.60 m/m ist. Der mittlere Dampfdruck beträgt auf dem Säntis in m/m:

Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	Jahr
1.81	1.85	1.97	2.72	3.71	4.75	5.60	5.34	4.54	3.18	2.38	1.93	3.06

Also schon in 2500 m. noch unterhalb der Firngrenze der Schweizeralpen, beträgt die Spannkraft des Luftwasserdampfes im Jahresmittel nur noch ca. 3 m/m, und nur in den drei Sommermonaten übersteigt sie 4.60 m/m. Nur für diese drei Monate kann von vornherein auf das Vorherrschen von Kondensation an der Schneeoberfläche geschlossen werden, soweit dann überhaupt noch Schnee liegt in dieser Region. Für die übrigen Monate, in denen der mittlere Dampfdruck weniger als 4.60 m/m beträgt, kann aus diesen Zahlen wenigstens die Möglichkeit von Verdunstung festgestellt werden; deren tatsächliches Vorkommen und deren Häufigkeit lässen sich nur durch Beobachtungen der Schneeoberflächentemperatur, welche denjenigen der Lufttemperatur und -feuchtigkeit parallel gehen, nachweisen.

Systematische Beobachtungen der Schneeoberflächentemperatur, welche uns in Verbindung mit gleichzeitigen Angaben von Lufttemperatur und -feuchtigkeit auf die Häufigkeit von Verdunstung und Kondensation schliessen lassen, besitzen wir noch recht wenige. An diejenigen der russischen Polarstation Sagastyr an der Lenamündung knüpfte sich bekanntlich die Kontroverse der Herren Brückner und Woeikof über die Verdunstung einer Schneedecke.[1]) Es ergab sich, dass im nördlichen Sibirien in den Wintermonaten 1882/83 und 1883/84 der Taupunkt der Luft im Mittel zu allen Zeiten über der Schneeoberflächentemperatur lag, also Kondensation vorherrschen musste; erst vom April an erhob sich die Schneetemperatur in den Tagesstunden über den Taupunkt und herrschte dann Verdunstung vor. — P. A. Müller stellte an einer schönen stündlichen Beobachtungsreihe für Katharinenburg (Ural) vom Dezember 1890 bis Februar 1891 überwiegende Verdunstung fest (nämlich in 73 % aller beobachteten Fälle, wobei allerdings Wasserdampf in der Luft über der Schneedecke der Rechnung zugrunde gelegt wurde; aber auch bei Annahme von Eisdampf überwiegt die Verdunstung der Häufigkeit nach beträchtlich über die Kondensation).[2])

Aus dem Alpengebiete liegt eine Serie von Schneeoberflächentemperaturen von Davos-Platz vor; Herr Brückner, auf dessen Initiative sie an der dortigen meteorologischen Station unternommen wurde, hat über deren Ergebnisse berichtet.[3]) Die zu den üblichen drei Terminen angestellten Beobachtungen ergaben im Mittel von 122 Wintertagen (der Jahre 1891 und 1892):

	7^h am	1^h pm	9^h pm	Mittel
Lufttemperatur	−8.5	0.2	−.73	−5.7
Taupunkt	−10.1	−5.4	−8.9	−8.3
Schneetemperatur	−11.4	−5.5	−10.8	−9.6
Häufigkeit der Verdunstung	39 %	53 %	31 %	41 %

Der Taupunkt der Luft liegt also im Mittel zu allen Terminen über der Temperatur der Schneeoberfläche und die Kondensation überwiegt demnach auf der Sohle dieses Hochtales. Nur für den Mittagstermin war die Zahl der Verdunstungsfälle etwas grösser; sie wäre wohl noch bedeutend grösser ausgefallen, wenn die Schneefläche, deren Temperatur gemessen wurde, in der Sonne gelegen hätte. Immerhin war Herr Brückner berechtigt, aus diesen Beobachtungen auf eine recht grosse Häufigkeit, wenn nicht ein Ueberwiegen der Kondensation in den Hochtälern zu schliessen. Der Grund liegt in den ausserordentlich tiefen Schneetemperaturen, die auf den Talsohlen zufolge des Stagnierens der Luft auftreten.

Schon Herr Brückner forderte dazu auf, Beobachtungen über die Schneeoberflächentemperatur auch noch in andern Lagen des Alpengebietes zu organisieren. Der einzige Erfolg des Postulates scheint in der schönen und sorgfältigen Beobachtungsserie des Herrn Süring auf dem Brockengipfel vom Winter 1893/94 bestanden zu haben, die, auch wenn sie nicht aus dem Alpengebiet stammt, als erste Beobachtungsreihe aus Gipfellage unser volles Interesse beansprucht.[4]) Ihre Resultate waren höchst merkwürdig: auf dem durch seine Kondensationserscheinungen, das heisst seine mächtigen Rauhreifbildungen bekannten Brockengipfel ergab sich in 80 % aller Beobachtungen in der freien, und in 91 % derjenigen der Schattenaufstellung Verdunstung der Schneedecke. Diesen scheinbaren Widerspruch erklärte Herr Süring damit, dass die Kondensationsbedingungen an der Schneeoberfläche ungünstiger sind als weiter oben; bei Nebel ist die Schneetemperatur meist höher als diejenige der Luft, so dass Rauhreifbildungen an der Schneeoberfläche im Verhältnis zur Nebelhäufigkeit ziemlich selten sind. — Es soll nur noch angeführt werden, dass auf dem Brocken auch bei klarem Himmel die Verdunstung weitaus überwog (sie kam in 78 % aller Fälle mit Bewölkung 0—2 vor),

[1]) Vergl. Met. Zeitschr. 1890, pag. 38 und 150.

[2]) P. A. Müller: „Ueber die Frage der Verdunstung der Schneedecke", Repert. f. Meteorologie, Bd. XV, Nr. 4.

[3]) E. Brückner: „Ueber den Einfluss der Schneedecke auf das Klima der Alpen", Zeitschrift des deutschen und österreichischen Alpenvereins 1893. Referat in der Meteorol. Zeitschr. 1894.

[4]) R. Süring: „Temperatur- und Feuchtigkeitsbeobachtungen über und auf der Schneedecke des Brockengipfels". Met. Zeitschr. 1895, p. 54.

während sie in Davos dann sozusagen fast nicht vorkommt, weil dort mit abnehmender Bewölkung die Temperaturdifferenz zwischen Luft und Schnee wächst (Schnee kälter als Luft!); das gibt meiner Meinung nach den Fingerzeig, wo der Grund für den Häufigkeitsunterschied in Verdunstung und Kondensation von Hochtal und Berggipfel zu suchen ist, nämlich in den relativ hohen Schneeoberflächentemperaturen der freien Berglagen.

Herr Süring hat es mit Recht abgelehnt, aus den Brockenbeobachtungen allgemeine Schlüsse über das Vorwiegen der Verdunstung oder der Kondensation der Schneeflächen zu ziehen, denn das Resultat werde „wahrscheinlich je nach den lokalen Verhältnissen ganz verschieden ausfallen". Dagegen scheint es mir durchaus am Platze, solchen Differenzen, wie sie sich nach Davos einerseits und dem Brocken andererseits für Tal- und Berglage zu ergeben scheinen, nachzugehen und sie durch Beobachtungen aus ähnlichen Expositionen als nicht zufälliger Natur nachzuweisen. Gelten sie allgemein, so werden die Ansichten von Dufour und Forel über den Wasseraustausch zwischen Luft und Eis und Schnee der Firnregion, die vielfach die herrschenden geworden sind, doch wesentlich modifiziert werden müssen.

Schlüssiges Material für die Beantwortung dieser Frage für die höchste Firnregion glaubte ich zunächst in den von Dollfuss vom August 1865 bis Ende Juli 1866 auf dem Theodulpass (3333 m) veranlassten und in extenso publizierten Beobachtungen zu finden.[1]) Diese nach ihrem Umfange immer noch einzigartigen meteorologischen Daten aus einem der mächtigsten Firnzentren der Alpen enthalten nämlich neben der Angabe des aus Psychrometerablesungen erhaltenen Lufttaupunktes für jede Beobachtung (11 direkte Ablesungen von 6^h a bis 9^h p) den Vermerk, ob an der Schneeoberfläche Kondensation oder Verdunstung geherrscht habe: température du point de rosée plus élevée que celle des matères gelées il y a condensation, point de rosée a une température inferieure évaporation. Auch für die interpolierten Tagesstunden, sowie sogar für alle gleichfalls interpolierten Nachtstunden wird diese Statistik geführt, was natürlich etwas gewagt erscheint. Bedauerlicher aber ist, dass gar nicht mehr festgestellt werden kann, was als „température des matières gelées" angenommen wurde. Regelmässige Schneeoberflächentemperaturen sind nicht mitgeteilt, auch nicht im Originaljournal, von dem ich einen Monatsband (Januar 1866) in der Bibliothek der Eidgenössischen Technischen Hochschule auffand. Nur von einzelnen Tagen liegen Schneetemperaturen — gemessen nicht an der Oberfläche, sondern in 3 ‰ Tiefe — vor; wie ich mich überzeugt, wurde nicht nach ihnen entschieden, ob Verdunstung oder Kondensation herrschte.[2]) Was als Kriterium diente, ist mir unerfindlich. Deswegen möchte ich mich auch mit einigen summarischen Angaben begnügen. Als Gesamtjahresmittel aller 24stündigen beobachteten und interpolierten Werte käme man auf 64 % Kondensation. Beschränkt man sich im Interesse eines Vergleiches mit nachfolgenden Beobachtungsreihen auf die Termine 7^h a, 1^h p und 9^h p, welche auch den Vorzug haben, direkte Beobachtungen wiederzugeben, so würde man für 7^h a auf 277, für 1^h p auf 180, für 9^h p auf 265 Fälle Kondensation im Jahr kommen, was im Mittel 66 % ausmacht. Demnach würde am Theodulpass Kondensation überwiegen. Wie weit diese Zahlen den tatsächlichen Verhältnissen entsprechen, kann ich nach den gemachten Bemerkungen nicht beurteilen.

Gegenwärtig besteht keine so hoch gelegene meteorologische Station im schweizerischen Netze; aber auch Beobachtungen an unterhalb der Firnlinie gelegenen Höhenstationen mit lang andauernder Schneedecke können wichtiges Material für unsere Frage liefern. Im Einverständnis mit der Direktion der Zentralanstalt organisierte ich daher im Winter 1917/18 auf einigen unserer Höhenstationen, an denen Platz- und Beobachterverhältnisse es zu erlauben schienen, regelmässige Beobachtungen der Schneeoberflächentemperaturen zu den üblichen Terminen, so auf der 300 m direkt über Davos am steilen, nach Süden exponierten Hang gelegenen Schatzalp, auf dem Rigigipfel und auf dem Gotthardsattel; im Winter 1918/19 wurde dann auch auf dem Säntis beobachtet. Verwendet wurden gewöhnliche Stationsthermometer, welche in freier, der Sonne möglichst lange zugängiger Exposition flach auf den Schnee gelegt wurden (halbe Kugel im Schnee eingebettet); die direkte Bestrahlung des Thermometers wurde nach dem Vorschlage des Herrn Süring durch eine kleine seitliche Beschirmung (in den Schnee gesteckte blanke Metallfolie) verhindert. An sachgemässer Instruktion für die Einbettung des Thermometers etc. hat es nicht gefehlt; es sei aber bemerkt, dass es oft nicht leicht ist und viel Mühe und Sorgfalt braucht, um in jedem einzelnen Falle einwandfreie Schneeoberflächentemperaturen zu erhalten. Namentlich gegen das Frühjahr erschwerte an einigen Orten die nächtliche Krustenbildung auf dem untertags schmelzenden Schnee die Messungen ganz erheblich und gab Veranlassung zu vorzeitigem Abbruch derselben.

Es ist nun nicht meine Absicht, das so gewonnene Material hier nach allen Richtungen zu diskutieren; vor allem soll es dazu dienen, uns einige Anhaltspunkte über die Häufigkeit von Verdunstung und Kondensation an der winterlichen Schneedecke im Alpengebiete zu verschaffen, soweit dies die örtliche und zeitliche Beschränkung der Beobachtungen erlauben. So wurde für jede Schneeoberflächentemperatur aus Lufttemperatur und -feuchtigkeit der Taupunkt der Luft berechnet und in allen Fällen, in denen derselbe über der Schneetemperatur lag, Kondensation, für alle übrigen Fälle Verdunstung angenommen.

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[1]) Dollfuss-Ausset: „Matériaux pour l'étude des glaciers". Tome 8e. Paris 1868.

[2]) Sonst hätten z. B. die vom April 1866 vorliegenden 27 Schneetemperaturen, verglichen mit dem jeweiligen Lufttaupunkt, in 20 Fällen Verdunstung ergeben, während Dollfuss nur 11 von diesen in der Kolonne „Verdunstung", die übrigen unter „Kondensation" aufführt.

Es ergab sich so als Häufigkeit der Kondensation (die Klammerzahlen geben die Anzahl der Beobachtungen):

		Oktober	November	Dezember	Januar	Februar	März	April	Mai	Juni	Total (in %)
1917/18	Schatzalp	—	—	—	3 (93)	4 (84)	12 (84)	—	—	—	7
„	Rigi-Kulm	—	—	—	0 (14)	4 (84)	6 (93)	20 (90)	—	—	11
„	St. Gotthard	—	—	—	17 (93)	3 (84)	9 (93)	10 (90)	22 (93)	9 (33)	16
1918/19	Säntis	10 (93)	14 (90)	22 (93)	15 (93)	30 (84)	17 (93)	11 (90)	15 (93)	—	18

Sodann sei wenigstens für den Februar 1918, für welchen Monat von Schatzalp, Rigi und St. Gotthard lückenlose und daher strenger vergleichbare dreimalige Terminbeobachtungen vorliegen, eine Zusammenstellung über Temperatur der Luft, des Taupunktes und der Schneeoberfläche mitgeteilt. Schade, dass nicht auch gleichzeitige Schneetemperaturen von Davos-Platz vorhanden sind; als Ersatz mögen die von Herrn Brückner publizierten Werte vom Februar 1891 beigefügt werden. Dabei ist dann zu berücksichtigen, dass der letztgenannte Monat noch etwas heller war (in Davos 1.7) als der Februar 1918 (2.6), was nicht nur in der Lufttemperatur (1891 −6.4°, 1918 −5.0°), sondern auch in der extrem tiefen Schneeoberflächentemperatur (−12.7°) zum Ausdruck kommt. — Die Differenzen sollen (mit Woeikof, Brückner und Süring) als positiv bezeichnet werden, wenn die tiefere Schicht kälter war:

		Bewölkung	Temperatur (T)	Luft relative Feuchtigkeit	Taupunkt (Tp)	Schnee-temperatur (Ts)	T–Ts	Ts–Tp	Häufigkeit der Verdunstung
Febr. 1918	Rigi-Kulm . . .	4.0	−2.8°	68 %	−9.7	−3.2	0.4	−6.5	95 %
„	Schatzalp . . .	2.8	−3.4°	54 %	−11.6	−5.3	1.9	−6.3	95 %
„	St. Gotthard . .	2.8	−5.2°	55 %	−13.2	−7.5	2.3	−5.7	96 %
Febr. 1891	Davos-Platz . . .	1.7	−6.4°	79 %	−9.4	−12.7	6.3	3.3	10 %

Am nächsten kommen sich demnach Luft- und Schneetemperatur auf dem frei gelegenen Rigigipfel, wo die Schneedecke im Februar 1918 nur um 0.4° kälter war als die Lufttemperatur. Das ist auffallend wenig, und es muss offen gelassen werden, ob nicht eine spätere Messungsreihe eine etwas grössere Differenz ergeben würde; kann man die Beobachtungen nicht selber machen, so muss man sie eben nehmen, wie man sie bekommt.[1]) Etwas grösser war die Differenz am Schatzalphang und auf dem Gotthard, auf welchen beiden Stationen bei gleicher Himmelshelligkeit die Schneedecke ungefähr zwei Grade kälter war als die Luft. In Davos-Platz dagegen ergab sich diese Differenz im Februar 1891 zu 6.3°, war also so erheblich grösser, dass dies in keiner Weise auf die noch etwas kleinere Bewölkung jenes Monats zurückgeführt werden kann. Es spricht sich vielmehr darin der Unterschied in der Lage der Stationen aus. Die Talsohlen haben zufolge des Stagnierens der Luft beinahe absolute Luftruhe und in der Folge extrem tiefe Schneetemperaturen. Noch im Mittel von fünf Wintermonaten mit der mittleren Bewölkung von 4.6 war die Schneetemperatur nach Brückner in Davos um 3.9° kälter als die Lufttemperatur.

Zufolge der tiefen Schneetemperaturen liegt der Taupunkt der Luft dann in Davos und in den Hochtälern überhaupt sehr häufig höher als die Schneetemperatur, und es kann auf der Talsohle Kondensation überwiegen. Im Februar 1891 hatte Davos (Schattenaufstellung!) in 90 % aller Terminbeobachtungen Kondensation, im Februar 1918 bei ganz ähnlichen Witterungsverhältnissen dagegen Rigi, Schatzalp und Gotthard nur 5 %. Im Mittel von 5 Wintermonaten kam in Davos nur in 41 aller Beobachtungen Verdunstung vor; unsere Beobachtungsreihen dagegen ergaben, wie wir oben sahen, auf Schatzalp in 93 %, auf Rigi-Kulm in 89 %, auf Gotthard in 84 % und auf dem Säntis in 82 % aller Beobachtungen Verdunstung. Sind diese Zahlen auch wegen der ungleichen Dauer der Beobachtungen nicht streng vergleichbar, so berechtigen sie uns doch zur Feststellung, dass, abgesehen von den Hochtälern, in den Alpen in den meisten Lagen die Verdunstung überwiegt.

Die verhältnismässig weit in die warme Jahreszeit hinein fortgeführte Beobachtungsreihe vom St. Gotthard zeigt gegen den Sommer hin zunehmende Kondensation. Das liegt wohl nur zum kleinen Teil in den besondern Verhältnissen dieser Passtation, von denen später noch kurz die Rede sein soll, begründet. In der Hauptsache dürfte sich darin eine allgemein gültige Erscheinung spiegeln: Mit dem Ansteigen der Lufttemperatur und -feuchtigkeit kommt im Frühjahr der Taupunkt häufiger über den Nullpunkt und damit über die Schneetemperatur zu liegen, welche diesen Schwellenwert ja nicht überschreiten kann. So erreichte im ersten Junidrittel 1918 die Häufigkeit der Kondensation auf dem Gotthard 27 %; weiter konnte sie nicht zunehmen, da es um diese Zeit mit der zusammenhängenden Schneedecke zu Ende ging.

[1]) Es soll übrigens nicht unerwähnt bleiben, dass die Schneedecke im Winter 1917/18 auf dem Rigi eine sehr wenig mächtige war; sie ging auf dem Messplatz zeitweise auf 10 ‰ zurück und verschwand auch auf grossen Flächen des Südhanges ganz.

Wie wir wissen, ist gerade im Frühjahr und Frühsommer die Temperaturabnahme mit der Höhe eine sehr rasche. Auch bei ähnlicher Lage dürften daher dann in ein und demselben Zeitpunkte zwei Stationen in wesentlich verschiedener Meereshöhe nicht die gleiche Häufigkeit der Kondensation haben, sondern eine bestimmte Häufigkeit dürfte im allgemeinen um so später im Jahre erreicht werden, je höher wir gehen. Die Zeitdauer überwiegender Kondensation wird also nach oben immer mehr beschränkt durch das langsame Emporsteigen der Wärme, nach unten durch die kürzere Dauer der Schneedecke. Am günstigsten sind die Verhältnisse für Kondensation an den Enden der grossen Talgletscher, welche ja bis zu 1500 m herabsteigen, also in eine Höhenzone, in der sonst schon Ende April Anfang Mai kein Schnee mehr liegt. So interessant aber die dort gewonnenen Resultate für die Glaziologie sind, so muss man sich hüten sie zu verallgemeinern; sie gelten nur für die verhältnismässig verschwindend kleinen Areale dieser tiefliegenden Eisströme und dürfen weder auf das ganze unterhalb der Firnlinie gelegene Gebiet, noch auf das Firngebiet selbst übertragen werden.

Wir haben uns bisher nur mit der Häufigkeit von Kondensation und Verdunstung, also mit der Richtung des Wasseraustausches zwischen Schnee und Luft beschäftigt. Die Grösse desselben, also die verdunstete oder kondensierte Menge, kann nur mit der Wage ermittelt werden. Schon Dufour und Forel haben mit Eis gefüllte Schalen während einer bestimmten Zeitdauer auf der Gletscheroberfläche exponiert und durch Wägen vor- und nachher den Gewichtsverlust, beziehungsweise die Gewichtszunahme konstatiert. Günstige örtliche Verhältnisse ermöglichten ihnen solche Wägungen am Rhonegletscher mit einem einfachen Instrumentarium (Wägungen in einer kleinen Eisgrotte!). Um aber nicht an einen bestimmten Ort gebunden zu sein, sondern überall da messen zu können, wo es von Interesse ist, schien mir — nach Versuchen mit unzulänglichen Mitteln — die Erstellung einer speziell dafür bestimmten Wage notwendig. Dieselbe musste leicht transportabel sein und die Möglichkeit gewähren, im Freien, also bei bewegter Luft, wägen zu können. Herr Prof. A. Piccard von der Eidg. Technischen Hochschule hatte die Freundlichkeit, einen Entwurf einer solchen Wage zu machen und Herr Hermann, Feinmechaniker in Zürich 6, konstruierte dieselbe dann in vorzüglicher Weise.

Sie besteht aus einem hölzernen Wagekasten von 26 × 19 × 20 ‰ Aussenmass, der zugleich Transportbehälter ist und im Rucksack mitgeführt werden kann. Der Wagebalken hängt beim Wägen an einem metallenen Träger; für den Transport wird er abgenommen und wie alle übrigen Bestandteile an den Kastenwänden zweckmässig fixiert. Das Gewicht der zu wägenden Schneemenge kann bei geschlossenem Kasten durch Einführen von Schrot in die Gewichtschale (Büchsenform) von aussen annähernd ausbalanciert werden; die feinere Tarierung geschieht durch Auflegen von Platingewichtchen auf ein ausserhalb des Kastens befindliches, dem Zeigerarm durch ein Loch im Deckel des Kastens aufgesetztes Tischchen. Die Ausschläge der Wage können mittelst Spiegelablesung bequem durch ein Fenster in der Aufsicht auf den auf ein Stativ (oder event. den Boden) gestellten Apparat abgelesen werden.

Die Empfindlickheit der Wage ist 1 pars = 0.02 gr; da ¼ pars leicht zu schätzen ist, so erhält man somit das halbe Centigramm recht genau, und damit sind bei einem Schalendurchmesser von 15 ‰ auch bei recht kurzen Expositionszeiten die auf den m² und die Stunde umgerechneten, in Millimeter Wasserhöhe angegebenen Verdunstungs- oder Kondensationsbeträge bis auf 1 oder 2 Tausendstelmillimeter sichergestellt, ohne dass man kleinere Gewichte als Dezigramme mitzuführen braucht. Das ist wichtig, da man kleinere Gewichte bei den oft bei Wind und mit klammen Fingern auszuführenden Wägungen doch allzu leicht zu verlieren in Gefahr ist.

Die Schneeschalen sind von Aluminium und haben bei einem Durchmesser von 15 ‰ eine Tiefe von 4 ‰; um das höchst lästige und zeitraubende Abkratzen von angefrorenem Schnee auf den Aussenseiten zu vermeiden, bei welchem zudem die Genauigkeit der Messung oft leidet, verwende ich genau ineinander passende Doppelschalen; nur die innere, die auf ihrer Aussenseite stets sauber und trocken bleibt, wird gewogen; die äussere bleibt während der Wägung im Schnee. So brauchen die Wägungen ein Minimum von Zeit.

Diese Wage hat sich im ganzen vorzüglich bewährt; einzig die Dimensionierung des Kastens erwies sich für den gewählten Schalendurchmesser etwas knapp; die Schneeschale steht an den Wänden und am Boden nämlich dann leicht an, wenn bei schmelzendem Schnee der Schneekuchen seinen Schwerpunkt exzentrisch hat.

Was nun die Exposition der Schneeschale betrifft, so wird diese bis zum Rand mit Schnee gefüllt, dessen Konsistenz möglichst mit derjenigen der natürlichen Schneedecke übereinstimmen soll. Diese Bedingung ist nicht immer leicht zu erfüllen; man kommt ihr am nächsten, wenn man einen Stecher (Hohlzylinder) von demselben Durchmesser wie die Schale 4 ‰ tief in den Schnee versenkt, ihn dann durch Einschieben einer Glasplatte oder dergleichen von der Seite her nach unten verschliesst und den so abgestochenen Schneekuchen mit seiner natürlichen Oberfläche nach oben in die Schale gleiten lässt. Bei trockenem Pulverschnee kann die Füllung der Schneeschale bei einiger Vorsicht aber auch ganz gut mit einem Löffel vorgenommen werden. Nach der Wägung der gefüllten Schale wird diese (innere!) in die äussere gesteckt und das Ganze an der Messtelle derart im Schnee versenkt, dass die Schneeoberfläche inner- und ausserhalb der Schale im gleichen Niveau liegt. Eventuell kann man die Schale gerade in die mit dem Stecher ausgehobene Hohlform versenken.

Die verhältnismässig grosse Empfindlichkeit der Wage genügt, wie gesagt, schon für recht kurze Expositionen (z. B. 10 Minuten), bei denen man — soweit dies überhaupt möglich ist — Augenblickswerte für Verdunstung oder Kondensation erhält. Bei längeren Expositionen, z. B. 24 Stunden, bekommt man natürlich nur die algebraische Summe der während dieser Zeit verdunsteten und kondensierten Mengen, da der Sinn des Wasseraustausches zwischen Schneedecke und Luft innerhalb dieses Zeitraumes oft mehrmals wechselt. Sehr empfehlenswert scheinen — namentlich bei ruhiger, ungestörter Wetterlage — wenigstens zweimalige tägliche Wägungen zu sein, etwa bei Sonnenauf- und -untergang, welche dann einen Tag- und einen Nachtwert liefern. Hat man daneben noch die üblichen meteorologischen Terminbeobachtungen und Schneetemperaturen, so lässt sich der Verlauf des Wasseraustausches auch quantitativ einigermassen übersehen. — Es sei noch bemerkt, dass bei relativ hohen Temperaturen und starker Einstrahlung sich auf der der Sonne gegenüberliegenden Seite der Schale gerne eine Randkluft zwischen Schale und Schneekuchen bildet, die sich rasch vergrössert; will man einwandfreie Messungen, dann muss die Schale häufig neu gefüllt werden.

Trotz der für solche Untersuchungen ungünstigen Zeitläufe konnte ich nach Fertigstellung der Wage (Herbst 1916) einige Beobachtungsreihen damit anstellen. Die erste am 14./15. Oktober 1916 auf dem Säntisgipfel.

Säntis: 14./15. Oktober 1916. (Tabelle I.)

	Beginn	Dauer	Stündlicher Wasser-austausch	Luft Tempe-ratur	Luft Relative Feuchtigkeit	Luft Absolute Feuchtigk. (e)	Luft Tau-punkt	Schnee Tempe-ratur	Schnee Eisdampf E'	$e-E'$
Okt.		h m	m/m	Grad	%	m/m				
14./15.	6^{30} p	14 15	−0.033	4.6	64	4.10	−1.5			
15.	7^{55} a	48	−0.071	3.0	62	3.54	−3.3	−1.0	4.25	−0.71
15.	8^{48} a	55	−0.062	3.7	61	3.66	−2.9	−1.0	4.25	−0.59
15.	9^{47} a	1 57	−0.052	4.3	63	3.94	−2.0	−0.5	4.42	−0.48
15.	11^{50} a	60	−0.020	4.6	72	4.60	0.0	−0.1	4.57	0.03
15.	12^{56} p	59	−0.008	4.3	70	4.38	−0.6	−0.1	4.57	−0.19
15.	2^{02} p	53	−0.019	3.0	73	4.13	−1.2	−0.1	4.57	−0.39
15.	3^{00} p	60	−0.012	2.3	75	4.08	−1.5	−0.1	4.57	−0.49
15.	4^{24} p	60	−0.012	1.3	82	4.16	−1.3	−0.1	4.57	−0.41
15.	5^{29} p	1 51	0.000	1.3	86	4.37	−0.7	−0.8	4.32	0.05

Sie fällt auf das Ende einer herbstlichen Schönwetterperiode, welche der in diesem Jahre sehr frühen Schneedecke stark zugesetzt hatte. Da auf dem Gipfelplateau kein Schnee mehr lag, wurde die Schale in dem schmalen Zwischenraum zwischen Obvervatorium und Gipfelfels exponiert. Die vom Anemometer während der ganzen Beobachtungsdauer auf ca. 7 m pro Sekunde angegebene Windgeschwindigkeit (SW) hat für diesen geschützten Winkel keine Gültigkeit; leichte Cirrusbewölkung bis gegen 8^h abends am 15., wo dann Nebel einsetzte.

Die Messmengen ergaben andauernd Verdunstung bis gegen 6^h abends des 15. Der grösste Wert wurde mit 0.071 m/m per Stunde erreicht am Morgen des 15. zwischen 8 und 9^h, zu welcher Zeit auch die Differenz $e-E'$ am grössten war; gegen Mittag war die Verdunstung entsprechend der kleiner werdenden Differenz $e-E'$ kleiner, um dann auffälligerweise mit dem Wiederanwachsen derselben nicht mehr Schritt zu halten. Die am späteren Abend dann einsetzende Umkehr zu Kondensation konnte gerade noch festgestellt werden; Messungen des nach dem Eintritt des Nebels kondensierten Wassers waren nicht mehr möglich. In der Nacht fiel Schnee.

Eine zweite längere Messungsreihe ermöglichte sich mir im Januar 1917 auf der Schatzalp (1870 m) ob Davos anlässlich einiger Ferientage in Davos. Die Schatzalpbahn erleichterte es, mehrmals im Tage nach dem Sanatorium Schatzalp zu gelangen, wo die bestehende meteorologische Station einen erwünschten Stützpunkt für die Messungen gab. Diese dürfen aus dieser typischen Gehängelage in voller Südexposition, 300 m über der Talsohle von Davos, wo die früheren Schneetemperaturbeobachtungen vorwiegend Kondensation nachgewiesen haben, ein besonderes Interesse beanspruchen. Herr M. Hagen, Beobachter auf Schatzalp, und Herr E. Noyer, dipl. Förster, unterstützten mich bei diesen Messungen, indem sie dieselben nach meiner früher als beabsichtigt nötig gewordenen Abreise noch ein paar Tage fortsetzten, wofür ich ihnen auch an dieser Stelle meinen besten Dank abstatte. Tabelle II gibt eine Uebersicht über die Messungen; es sei noch bemerkt, dass in der Regel zwei Schalen (a und b) exponiert wurden.

Diese achttägige Versuchsreihe lieferte recht interessante Resultate. Wissen wir schon aus den Schneeoberflächentemperaturen, dass auf Schatzalp im Winter Verdunstung von der Schneeoberfläche vorherrscht, so sind wir nun über den täglichen Gang derselben und ihre Grössenordnung orientiert. Resümieren wir beispielsweise die Messungen vom Abend des 22. bis zum Morgen des 24. Januar.

Der 22. war ein heller Tag mit starker Verdunstung, die nach einer kurzen Exposition um die Zeit des Sonnenuntergangs noch −0.033 m/m pro Stunde betrug. In der hellen und sehr kalten Nacht ergab dann die Exposition zwischen

Schatzalp (1870 m): 20.—27. Januar 1917. (Tabelle II.)

Datum	Expositionsdauer	Stündlicher Wasseraustausch	Zeit	Luft: Temperatur	Luft: Relative Feuchtigkeit	Luft: Dampfdruck e	Luft: Taupunkt	Schnee: Temperatur τ'	Schnee: Eisspannung E'	$e-E'$	Bewölkung	Bemerkungen
Jan.		mm	h	Grad	%			Grad	mm			
20.	10^{45}a– 4^{00}p	–0,039	$1^{1}/_{2}$ p	–1.8	58	2.32	–8.3	–1.2	4.18	–1.86	1	Heller, ruhiger Wintertag mit ausgesprochener Verdunstung. Nach Sonnenuntergang rasches Sinken von τ' (3^{35} p –0.4°, 4^{00} –7.2°.
20./21.	1^{35} p–10^{00}a	0.002	4^{35} p	–3.5	63	2.18	–9.0	–9.1	2.16	–0.02	0	
			$9^{1}/_{2}$ p	–7.0	71	1.83	–11.0	–11.8	1.70	0.13	10	Bewölkte bis bedeckte Nacht, schwache Kondensation.
			$7^{1}/_{2}$ a	–6.3	77	2.11	–9.4	–8.6	2.26	–0.15	10	
21. 22.	a) 10^{00}a– 3^{30}p b) 10^{25}a– 3^{45}p	(–0.009) (–0.008)	$1^{1}/_{2}$ p	–1.8	59	2.36	–8.1	–2.8	3.68	–1.32	10	Resultat aus einem bewölkten Tag (schwache Verdunstung), einer bedeckten Nacht (Gleichgewicht) und einem hellen Tag (Verdunstung). Der Stundenwert dieser Messung also von keiner Bedeutung.
			$9^{1}/_{2}$ p	–6.1	80	2.22	–8.8	–7.8	2.12	–0.20	10	
			$7^{1}/_{2}$ a	–8.7	82	1.84	–11.0	–11.0	1.83	0.01	10	
			$1^{1}/_{2}$ p	–4.6	64	2.08	–9.6	–0.4	4.46	–2.38	0	
22.	3^{40}p– 4^{07}p	–0.033	4 p	–5.9	61	1.73	–11.7	–8.0	2.38	–1.65	1	Noch bei Sonnenuntergang (kurz vor 4^{h} p), verdunstete also stark.
22./23.	4^{15}p– 8^{25}a	0.007	$9^{1}/_{2}$ p	–11.3	80	1.42	–13.9	–15.6	1.21	0.21	0	Helle Nacht mit sehr tiefen Schneetemperaturen; daher Kondensation. Rauhreifansatz auf der Schale!
			$7^{1}/_{2}$ a	–11.8	60	1.02	–17.5	–18.4	0.93	0.09	0	
23.	8^{28}a– 8^{57}a	–0.005	8 a	–11.9	58	0.98	–17.9	–18.0	0.97	0.01	0	Um $8^{1}/_{2}{}^{h}$ a aber schon Verdunstung.
23.	a) 9^{02}a– 3^{59}p b) 8^{50}a– 4^{08}p	–0.036 –0.029	$1^{1}/_{2}$ p	–4.7	44	1.39	–14.1	?	?	—	0	Heller Tag; Verdunstung.
23.	4^{04}p– 4^{20}p	–0.028	4^{15} p	–7.0	47	1.22	–15.5	–11.4	1.77	–0.55	0	Noch nach Sonnenuntergang Verdunstung.
23./24.	a) 4^{20}p– 8^{29}a b) 4^{08}p– 8^{23}a	–0.003 –0.001	$9^{1}/_{2}$ p	–10.3	59	1.15	–16.2	–15.5	1.22	–0.07	0	Bewölkte Nacht, keine tiefe Schneetemperatur, daher eher leichte Verdunstung.
			$7^{1}/_{2}$ a	–7.1	69	1.77	–11.4	–11.3	1.78	–0.01	8	
24.	8^{45}a– 9^{08}a	0.000	8^{17}a	–7.1	69	1.77	–11.4	–11.3	1.78	–0.01		Zwischen 8^{45} und 9^{08} a Gleichgewicht. 3 p m Schneefall. Messungen unterbrochen.
25./26.	a) 5^{04}p– 9^{39}a b) 5^{06}p– 9^{25}a	0.004 0.005	$9^{1}/_{2}$ p	–10.5	73	1.39	–14.1	?	?	—	0	Helle Nacht; Kondensation. Leider keine Schneetemperaturen.
			$7/_{2}$ a	–9.8	46	0.93	–18.4	?	?	—	0	
26.	9^{30}a–10^{06}a	–0.008	$9^{1}/_{2}$ p	–9.0	46	1.00	–17.7	–12.4	1.62	–0.62	1	Am frühen Vormittag noch schwache Verdunstung (wegen noch tiefer Schneetemperatur; diese geht erst $10^{1}/_{2}{}^{h}$ über die Lufttemperatur: 9^{39} –12.2, 10^{10} –9.4, 12^{40} –4.3, 1^{10} –3.2). — Die Verdunstung ist an diesem Tage um die Mittagsstunde am grössten.
26.	a) 10^{10}a–12^{40}p b) 9^{50}a– 1^{00}p	–0.040 –0.033	$1^{1}/_{2}$ p	–2.8	37	1.36	–14.3	–3.2	3.56	–2.20	2	
26.	a) 12^{45}p– 4^{29}p b) 1^{00}p– 4^{22}p	–0.033 –0.023	—	—	—	—	—	—	—	—		
			$4^{1}/_{2}$ p	–4.8	41	1.29	–14.9	–6.4	2.73	–1.44	5	
26. 27.	a) 4^{35}p–10^{33}a b) 4^{25}p–10^{37}a	0.002 0.003	$9^{1}/_{2}$ p	–11.5	56	0.98	–17.9	–16.3	1.13	–0.15	0	Helle Nacht mit leichter Kondensation; Rauhreifbildung auf der Schale. Leider fehlt Schneetemperatur von $7^{1}/_{2}$ a; 10^{30} –12.0°.
			$7^{1}/_{2}$ a	–16.8	68	0.73	–21.1	?	?		0	
27.	a) 10^{35}a– 4^{30}p b) 10^{40}a– 4^{36}p	–0.026 –0.024	$1^{1}/_{2}$ p	–7.5	31	0.77	–20.5	–6.4	2.73	–1.96	0	Heller, aber kalter Tag, mit etwas kleinerer Verdunstung als an den Vortagen, da die Schneetemperatur tief blieb (4^{30} p schon wieder –13.2°).

4^h p und 8^h a Kondensation von 0.007 m/m pro Stunde im Mittel, die sich auch durch Rauhreifansatz am Schalenrande dem Auge sichtbar machte. Kondensation war möglich trotz weiteren Rückganges der absoluten Luftfeuchtigkeit in der Nacht wegen der starken Erkaltung der Schneeoberfläche (−18.4° um $7^1/_2{}^h$ a gegenüber −11.8° Lufttemperatur). Aber schon etwas vor dem (örtlichen) Sonnenaufgang liess sich wieder Verdunstung feststellen (−0.005 m/m zwischen $8^1/_2$ u. 9^h a), die im Verlaufe des ganz heiteren 23. Januar den Wert von 0.036 m/m im Mittel (Schale a!) erreichte und bis nach Sonnenuntergang anhielt (ca. 4^{10} p noch −0.028 m/m). Die Nacht vom 23./24. Januar war dann leicht bewölkt, die Schneetemperatur weniger tief, und die Nachtexposition ergab daher im Mittel noch ganz schwache Verdunstung.

Also untertags ausgesprochene Verdunstung, nachts annähernd Gleichgewicht der Dampfspannung von Luft und Schnee oder nur schwache Kondensation. Dieser Typus dürfte bei ruhigem antizyklonalen Winterwetter nicht nur für die Schatzalp, sondern allgemeiner für ähnliche Lagen und Expositionen Gültigkeit haben.

St. Gotthard: 24.—26. Mai 1917. (Tabelle III.)

Zeit		Stündlicher Wasser-austausch	Luft: Tempe-ratur	Luft: Relative Feuchtigkeit	Luft: Dampf-druck	Luft: Tau-punkt	Schnee: Tempe-ratur	Schnee: Dampf-spannung	$e-E'$	Wind
		m/m	Grad	%						
24. Mai	2^{56} p— 3^{38} p	0.006	9.5	52	4.65	0.1	dauernd 0°	dauernd 4.60 m/m	0.05	No-1
	3^{28} p— 4^{34} p	a) 0.017	8.6	56	4.75	0.4			0.15	N1
	3^{40} p— 4^{50} p	b) 0.024								
	4^{40} p— 5^{30} p	0.033	8.2	60	4.90	0.8			0.30	N1
	5^{36} p— 7^{15} p	0.041	8.1	63	5.10	1.4			0.50	N1
24./25. Mai.	5^{56} p— 6^{00} a	a) 0.042	$9^1/_2$ p 5.2	90	6.00	3.7			1.40	N2
	7^{20} p— 6^{15} a	b) 0.058	$7^1/_2$ a 4.9	80	5.76	3.1			1.16	
25. Mai	6^{45} a— 7^{00} a	0.059	5.0	84	5.10	1.4			0.50	N2
	7^{06} a— 8^{08} a	0.053	6.2	74	5.30	1.9			0.70	N2
	8^{12} a— 8^{28} a	0.035	5.8	71	4.94	0.9			0.34	N1
	8^{50} a— 9^{14} a	0.035	6.9	70	5.25	1.8			0.65	N1
	9^{19} a—11^{30} a	0.019	?	?	?	?			?	N1
	11^{46} a—12^{16} p	0.002	9.9	50	4.59	−0.1			−0.01	No-1
	12^{20} p— 1^{40} p	0.008	9.9	50	4.59	−0.1			−0.01	No-1
	2^{38} p— 2^{58} p	0.001	10.6	48	4.62	0.0			0.02	No-1
	3^{00} p— 5^{35} p	0.021	10.0	51	4.71	0.3			0.11	N1
	6^{06} p— 6^{36} p	0.090	8.0	65	5.25	1.8			0.65	N1-2
	6^{36} p— 7^{56} p	0.119	7.6	80	6.28	4.3			1.68	N1-2
25./26. Mai	8^{35} p— 6^{20} a	0.113	$9^1/_2$ p 6.2	100	7.15	6.2			2.55	N2-3
			6^{15} a 5.6	98	6.72	5.3			2.12	
26. Mai	7^{00} a— 8^{30} a	0.097	5.2	90	6.00	3.7			1.40	N1-2

Einen ganz andern Typus zeigte die dritte Messungsreihe vom 24.—26. Mai 1917 auf dem St. Gotthard, wo bei schon sommerlich warmer Witterung noch eine Schneedecke von ca. $1^1/_2$ m Mächtigkeit bestand. Die am Nachmittag des 24. einsetzenden Wägungen (s. Tabelle III) ergaben anhaltende, zuerst schwache, gegen Abend mit steigender Luftfeuchtigkeit wachsende Kondensation, die in der Nacht vom 24./25. Mai im Mittel 0.050 m/m per Stunde erreichte. Im Laufe des Vormittags nahm dann am 25. dieser Wert beträchtlich ab, bis sich in der wärmsten Tageszeit — als die Luftfeuchtigkeit auf 4.6 m/m zurückging — annähernd Gleichgewicht zwischen der Dampfspannung der Luft und des Schnees herstellte. Gegen Abend nahm die Kondensation mit wachsender Luftfeuchtigkeit wieder rasch zu bis zu 0.119 m/m, welchen Wert sie ungefähr während der ganzen Nacht beibehielt, da die Luftfeuchtigkeit eine recht grosse geworden war: $9^1/_2{}^h$ p = 7.15 m/m, 6^{15} a = 6.72 m/m (Nebel auf der Nordseite des Passes), und auch der kräftige Wind (N_{2-3}, also Geschwindigkeit 10—15 m pro Sekunde) die Kondensation begünstigte. Es soll aber darauf aufmerksam gemacht werden, dass diese starke Kondensation den besonderen Verhältnissen der Passlage der Station zugeschrieben werden muss. Denn die Verstärkung des Nordwindes in der Nacht vom 25. 26., welche durch Ausbildung eines ganz unbedeutenden barometrischen Nord-Südgradienten über die Alpen bedingt wurde, war die Ursache für den Auftrieb der Luftmassen auf der Nordseite des Passes und damit für die Feuchtigkeitszunahme bis zur Sättigung. Nur die Gotthardpasslücke hatte so starken Nordwind. — Auf dem Säntis zeigte die absolute Feuchtigkeit in diesen Tagen gerade den umgekehrten, übrigens für alle freien Höhenstationen normalen Gang: scharf ausgesprochenes Mittagsmaximum (bis zu 6.8 m/m), morgens und abends dagegen Annäherung an die Dampfspannung des Schnees bei 0°. Da sich — beurteilt nach den Lufttemperaturen — die Temperaturen der Schneeoberfläche auch auf dem Säntis um den Nullpunkt bewegt haben müssen, so darf man für diese Tage dort nachts auf Gleichgewicht, untertags auf Kondensation schliessen.

Für den Sommer 1917 waren Messungen im eigentlichen Firngebiet geplant; durch erneuten Mobilisationsdienst wurde ich — wie öfters in den vergangenen Jahren — daran verhindert; an meiner Stelle machte dann Herr Prof.

A. de Quervain am 30./31. August eine kürzere Reihe solcher Messungen auf dem Jungfraujoch. Da dieselben zur Prüfung der Gültigkeit der von Westmann[1]) an kleinen Schneeflecken im schwedischen Tiefland ermittelten Verdunstungskonstanten (siehe unten) für grössere Schneeflächen[2]) verwendet werden sollten, wurde dabei der Windmessung mittelst eines Fueß'schen Handanemometers besondere Aufmerksamkeit geschenkt. Die Resultate waren (vergl. A. de Quervain: „Die West-Ostdurchquerung des grönländischen Inlandeises", Denkschr. der S. N. G., Bd. 53, pag. 139, im Drucke befindlich: ich gebe die mir in verdankenswerter Weise zur Verfügung gestellte Tabelle in etwas anderer, den oben mitgeteilten Beobachtungsreihen analogen Anordnung):

Jungfraujoch (3460 m), 30./31. August 1917. (Tabelle IV.)

Zeit	Stündlicher Wasser-austausch	Luft: Temperatur	Luft: relative Feuchtigkeit	Luft: Dampfdruck	Luft: Taupunkt	Schnee: Temperatur	Schnee: Dampfspannung	$e-E'$	Wind m pro Sek.	Koeffizient c
	m/m	Grad	%			Grad	m/m			
30. Aug. 7^{30}p— 9^{30}p	a) −0.040 b) −0.047	−2.2	54	2.10	−9.5	−6.6	2.68	−0.58	1.6	0.67 0.79
31. Aug. 4^{30}p— 6^{30}a	a) −0.077 b) −0.062	−2.2	52?	2.00?	−10.0?	−7.6	2.46	−0.46?	2.4	(1.43) (1.11)
6^{30}a— 8^{06}a	a) −0.116 b) −0.110	−2.7	32	1.20	−15.7	−5.2	3.02	−1.82	3.6	0.57 0.54
8^{06}a— 9^{34}a	a) −0.084 b) −0.060	−3.1	48	1.73	−11.6	−3.4	3.50	−1.77	2.7	0.46 0.33
9^{34}a—11^{05}a	a) −0.122 b) −0.106	−3.4	64	2.23	−8.7	−3.0	3.62	−1.39	3.4	0.68 0.60
11^{05}a—12^{28}p	a) −0.102 b) −0.081	−3.9	69	2.33	−8.3	−2.6	3.74	−1.41	4.0	0.54 0.46
1^{25}p— 2^{42}p	a) −0.018 b) −0.010	−4.8	93	2.89	−5.7	−3.8	3.39	−0.50	4.7	(0.30) (0.16)
Bewölkung: meist annähernd bedeckt (Alto-Cumuli).									Mittel	0.56

Entsprechend der grossen Differenz $e-E'$ ergaben diese Messungen sehr grosse Verdunstungsbeträge, $9^{1}/_{2}$–11^{h} am bis zu 0.12 m/m pro Stunde. — Die in der letzten Kolonne enthaltene Koeffizient c ist die sogenannte „Verdunstungskonstante" von Westmann. Dieser stellte in Analogie mit der empirischen Formel, die innerhalb gewisser Grenzen für Verdunstung von einer Wasseroberfläche her gilt, die Relation auf:

$$\frac{\Delta m}{\Delta t} = c\left(1 + \frac{\tau'}{273}\right)\sqrt{w}\,(e-E') \qquad e < E'!$$

wobei e den Wasserdampfgehalt der Luft, E' die Maximalspannung des Eisdampfes entsprechend der Schneeoberflächentemperatur τ', w die Windgeschwindigkeit in m pro Sekunde und c eine von diesen Variabeln unabhängige Grösse bedeutet. Durch experimentelle Bestimmungen der verdunsteten und kondensierten Mengen (Wägungen analog den unsrigen) fand er c, bezogen auf 24 Stunden, zu 0.5 für Verdunstung; für Kondensation „dürfte man approximativ dieselbe Formel anwenden, wobei jedoch c einen Wert etwas grösser als 0.5 erhalten muss". — Die oben mitgeteilten Messungen vom Jungfraujoch, bei denen noch der Luftdruck durch Einführung des Faktors $\frac{p_0}{p}$ berücksichtigt wurde, ergeben nun annähernd denselben Wert für c.

Die Formel gilt nur für merkliche Luftbewegung. Viele der in dieser Arbeit mitgeteilten Messungen — namentlich diejenigen von der Schatzalp — fanden bei annähernder Luftruhe statt. Aus diesem Grunde, sowie auch weil die Windbewegung am Schalenstandort selbst nicht immer mit der dazu erforderlichen Genauigkeit festgestellt wurde, muss darauf verzichtet werden, die übrigen Messungsreihen zur Prüfung der Gültigkeit des Westmann'schen Wertes für die Verdunstungkonstante zu verwenden.

* * *

Die hier veröffentlichten Beobachtungen über Schneeoberflächentemperaturen und die experimentellen Bestimmungen über den Wasseraustausch zwischen Schneedecke und Luft[3]) stellen eine notwendige Ergänzung der von Doufur und Forel unternommenen ersten Messungen dar. Es liegt mir ferne, auf Grund der Resultate derselben ein abschliessendes Urteil über das Vorherrschen von Verdunstung oder Kondensation und über das Fazit dieses Wasseraustausches im Firngebiet der Alpen auszu-

[1]) J. Westmann: „Beobachtungen über den Wasseraustausch zwischen der Schneedecke und der Luft im mittelschwedischen Tiefland". Mitteilungen des hydrogr. Bureaus, Stockholm 1913.

[2]) Nach Bigelow wäre die Verdunstung „ceteris paribus" auf sehr grossen Flächen gerade die Hälfte derjenigen von kleinen Schneeflecken.

[3]) Eine vorläufige Mitteilung über die letzteren machte ich schon an der Jahresversammlung der Schw. Naturf. Ges. in Zürich, Sept. 1917, Siehe Verhandl. d. S. N. G. in Zürich 1917, II. Teil, pag. 159. Die vorliegende ausführlichere Publikation war schon für die Annalen 1917 bestimmt, musste dann aber aus Budgetrücksichten zurückgestellt werden.

sprechen. Um zu einem solchen zu gelangen, bedarf es noch viel umfassenderer systematischer Erhebungen aus verschiedenen Höhenlagen und Expositionen, als es die unsrigen sind: auch diese tragen nach Zeit und Ort noch etwas zufälligen Charakter. Dagegen darf wohl auf Grund derselben die Vermutung ausgesprochen werden, dass Dufour und Forel sowohl die Häufigkeit der Kondensation im Firngebiet wie auch den Betrag derselben stark überschätzt haben. Sie glaubten, dass der Gesamteffekt des Wasseraustausches zwischen Firn und Luft stark zugunsten der Kondensation ausfalle und einen Betrag erreiche, der, in Beziehung gesetzt zur Niederschlagsmenge, einen nicht unerheblichen Bruchteil derselben erreiche. Den Anlass zu ihrer Untersuchung hatte geradezu einer Ueberschlagsrechnung über Niederschlag und Abfluss im Einzugsgebiet der Rhone gegeben; Forel glaubte in der Kondensation an Schnee und Eis einen ihm unerklärlichen Mehrbetrag im Abfluss über die aus den Beobachtungen der meteorologischen Stationen geschätzten Niederschlagsmengen erblicken zu dürfen. Solche Rechnungen stehen aber auch heute noch, wo wir über die Niederschlagsmengen in den höheren Lagen des Alpengebietes einige damals noch ganz fehlende Anhaltspunkte haben, auf zu unsicheren Grundlagen[1]), um die Frage nach Ueberwiegen von Kondensation oder Verdunstung entscheiden zu können. Dies besonders dann, wenn — wie es der Fall zu sein scheint — Agassiz mit seiner Vermutung, dass beide Vorgänge sich im Effekt ungefähr die Wage halten, der Wahrheit nahe gekommen sein sollte.

* * *

Es sollen noch — ohne näher darauf einzutreten — einige an anderen Orten unternommenen Versuche, den Effekt des Wasseraustausches zwischen Schnee und Luft zu bestimmen, kurz erwähnt werden.

J. E. Church[2]), jun. teilt Messungen aus dem Tahoe Basin, Nevada mit. Auf der Talsohle von Tahoe city (1900 m) verdunstete vom 29. Januar bis 28. Februar 1915 0.232 Zoll = 5.9 m/m (Mittelwert aus mehreren während des ganzen Zeitraumes exponierten Schalen, bei Niederschlag durch eine Art Dach gedeckt!). Die monatliche Verdunstung schätzt er auf Grund von Teilmessungen in der Höhe von 1800 m im März und April zu 37, in der Höhe von 2500 m im März bis Juni zu 50 m/m Wasserhöhe.

F. S. Baker[3]) berichtet über Messungen an der „Utah Forest Experiment Station", Central Utah, im Winter 1915/1916. Nach denselben berechnet er die Verdunstung für diesen Teil von Utah (1700 m?) im Winter 1915/16 (Dauer der Schneedecke 7. November 1915 bis 4. Mai 1916) zu ca. 75 m/m oder 14 % des 556 m/m betragenden Wasserwertes aller gemessenen Schneefälle. Beachtenswert ist, dass hier als Gefässe für Exposition und Wägung des Schnees Glaszylinder einer besonderen Glasart von geringer Wärmeabsorption und Wärmeleitung verwendet wurden, um das auch bei Lufttemperaturen unter Null Grad auftretende Schmelzen des Schnees zu verhindern. — Bei beiden amerikanischen Publikationen fehlen jegliche Angaben über die Schneetemperatur!

Im Gegensatz dazu basiert A. de Quervain (im zitierten Grönlandwerk, pag. 136 ff) eine Schätzung des mittleren Verdunstungsbetrages eines grönländischen Inlandeissommertages nicht auf experimentelle Bestimmungen desselben, sondern er berechnet ihn nach der Westmann'schen Formel unter Zugrundelegung von Schneetemperaturen und der notwendigen meteorologischen Daten. Er erhält dafür 0.68 m/m pro Tag; nimmt man im Winter die Verdunstung ungefähr neutralisiert durch die Kondensation an — da zwar beträchtliche Abkühlung durch Ausstrahlung eintritt, eine allzu starke Erniedrigung der Schnee- unter die Lufttemperatur durch die starke abfliessende Windströmung verhindert werden dürfte —, und „lassen wir den Verdunstungswert zum Sommer hin allmälich bis zum (wegen der bedeckten Tage!) halben ermittelten Maximum zunehmen, so würde die jährliche Verdunstung etwa 55 m/m betragen".

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[1]) Beim Lesen der Korrekturen erhalte ich eine in diesem Zusammenhang in erster Linie anzuführende Publikation: O. Lütschg, Obering., „Ueber Niederschlag und Abfluss im Hochgebirge". Mitteilungen d. Naturf. Ges. in Bern 1919. Der Verfasser kommt auf Grund seiner eingehenden, mit allen Mitteln der Technik angestellten Untersuchungen zum Schlusse, dass der Gesamtniederschlag auch für das engbegrenzte Mattmarkgebiet (Hintergrund des Saaser Tales) trotz der Aufstellung von vier Totalisatoren nicht mit der notwendigen Genauigkeit zu ermitteln ist.

[2]) Snow Surveying, by J. E. Church jr, Paper presented before the second Pan American scient. congress, Washington U S A (27. Dez. 1915 bis 8. Januar 1916); Washington governement printing office.

[3]) Some field experiments on evoparation from snow surfaces by F. S. Baker. Monthly Weather Review, Vol 45, No 7 (July 1917) Washington.

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